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This index covers all technical items - papers, correspondence, reviews, etc. that appeared in this periodical during 1999, and items from previous years that were commented upon or corrected in 1999. In the case of magazines, departments and other items may be also covered if they have been judged to have archival value.

The Author Index contains the primary entry for each item, listed under the first author's name. The primary entry includes the coauthors' names, the title of the paper or other item, and its location, specified by the publication abbreviation, year, month, and inclusive pagination. The Subject Index contains entries describing the item under all appropriate subject headings, plus the first author's name, the publication abbreviation, month, and year, and inclusive pages. Subject cross-references are included to assist in finding items of interest. Note that the item title is found only under the primary entry in the Author Index.

AUTHOR INDEX

A

- Abdallah, C.T.**, see Dorato, P., *T-AC Oct 99* 1894-1900
Agarwal, R.K., see Peng Shi, *T-AC Aug 99* 1592-1597
Agarwal, R.K., see Peng Shi, *T-AC Nov 99* 2139-2144
Ahmed-Ali, T., and F. Lammabhi-Lagarigue. Sliding observer-controller design for uncertain triangular nonlinear systems; *T-AC Jun 99* 1244-1249
Aihara, S., and A. Bagchi. On the Mortensen equation for maximum likelihood state estimation; *T-AC Oct 99* 1955-1961
Ailon, A., see Dimogianopoulos, D., *T-AC Dec 99* 2308-2312
Ai-Poh Loh, A.M. Annaswamy, and F.P. Skantze. Adaptation in the presence of a general nonlinear parameterization: an error model approach; *T-AC Sep 99* 1634-1652
Aldemir, T., see Dinca, L., *T-AC Nov 99* 2200-2205
Alessandri, A. M. Baglietto, T. Parisini, and R. Zoppoli. A neural state estimator with bounded errors for nonlinear systems; *T-AC Nov 99* 2028-2042
Alexandridis, A.T., see Iraclous, D.P., *T-AC Sep 99* 1746-1749
Aliev, F.A., and L. Ozbek. Evaluation of convergence rate in the central limit theorem for the Kalman filter; *T-AC Oct 99* 1905-1909
Allwright, J.C., see Yu-Hong Zhou, *T-AC Apr 99* 826-829
Alpay, M.E., and M.H. Shor. Multiple solutions to the l^1 -optimal control problem and its dual linear programming problem; *T-AC May 99* 1089-1093
Alvarez-Ramirez, J., see Garcia, G., *T-AC Jun 99* 1254-1258
Anantharam, V., and T. Konstantopoulos. A methodology for the design of optimal traffic shapers in communication networks; *T-AC Mar 99* 583-586
Andersson, L., and A. Kantsler. Frequency-dependent error bounds for uncertain linear models; *T-AC Nov 99* 2094-2098
Angeli, D., and E. Mosca. Command governors for constrained nonlinear systems; *T-AC Apr 99* 816-820
Annaswamy, A.M., see Ai-Poh Loh, *T-AC Sep 99* 1634-1652
Apkarian, P., see Chilali, M., *T-AC Dec 99* 2257-2270
Araki, M., see Hagiwara, T., *T-AC Aug 99* 1573-1577
Arambel, P.O., and G. Tadmor. Decomposition and approximation of periodic systems; *T-AC Apr 99* 858-863
Ashari, M., see Regalia, P.A., *T-AC May 99* 994-998
Assan, J., J.F. Lafay, and A.M. Perdon. On feedback invariance properties for systems over a principal ideal domain; *T-AC Aug 99* 1624-1628
Atassi, A.N., and H.K. Khalil. A separation principle for the stabilization of a class of nonlinear systems; *T-AC Sep 99* 1672-1687
Aubry, D., see Boutayeb, M., *T-AC Aug 99* 1550-1556
Ayhan, H., and M.A. Wortman. Job flow control in assembly operations; *T-AC Apr 99* 864-868

B

- Baddou, A.**, see Benzaouia, A., *T-AC Jul 99* 1477-1481
Bagchi, A., see Mazumdar, R.R., *T-AC Jan 99* 124-129
Bagchi, A., see Aihara, S., *T-AC Oct 99* 1955-1961
Baglietto, M., see Alessandri, A., *T-AC Nov 99* 2028-2042
Bai, E.-W., Y. Ye, and R. Tempo. Bounded error parameter estimation: a sequential analytic center approach; *T-AC Jun 99* 1107-1117
Bai Er-Wei. see Er-Wei Bai, *T-AC Jan 99* 182-186
Balakrishnan, V., see Tits, A.L., *T-AC Jan 99* 50-65
Balakrishnan, V., see Yung-Shan Chou, *T-AC May 99* 906-913
Balakrishnan, V., and F. Wang. Efficient computation of a guaranteed lower bound on the robust stability margin for a class of uncertain systems; *T-AC Nov 99* 2185-2190
Balas, G.J., see Lu, W.W., *T-AC Oct 99* 1875-1879
Ball, J.A., P. Kachroo, and A.J. Krener. H_∞ tracking control for a class of nonlinear systems; *T-AC Jun 99* 1202-1206
Barbot, J.P., S. Monaco, and D. Normand-Cyrot. Discrete-time approximated linearization of SISO systems under output feedback; *T-AC Sep 99* 1729-1733
Bartolini, G., and A. Ferrara. On the parameter convergence properties of a combined VS/adaptive control scheme during sliding motion; *T-AC Jan 99* 70-76
Bartolini, G., A. Ferrara, and A.A. Stotsky. Robustness and performance of an indirect adaptive control scheme in presence of bounded disturbances; *T-AC Apr 99* 789-793

- Bastin, G.**, F. Jarachi, and I.M.Y. Mareels. Output deadbeat control of nonlinear discrete-time systems with one-dimensional zero dynamics: global stability conditions; *T-AC Jun 99* 1262-1266
Bastin, G., see Netic, D., *T-AC Nov 99* 2068-2071
Battilotti, S. Robust stabilization of nonlinear systems with pointwise norm-bounded uncertainties: a control Lyapunov function approach; *T-AC Jan 99* 3-17
Battilotti, S. Noninteracting control via static measurement feedback for nonlinear systems with relative degree; *T-AC Apr 99* 774-779
Bauer, D., and M. Deistler. Balanced canonical forms for system identification; *T-AC Jun 99* 1118-1131
Bauer, P.H., see Molchanov, A.P., *T-AC Feb 99* 325-327
Bazanella, A.S., P.V. Kokotovic, and A.S. e Silva. A dynamic extension for L_∞ controllers; *T-AC Mar 99* 588-592
Beck, C.L., and J. Doyle. A necessary and sufficient minimality condition for uncertain systems; *T-AC Oct 99* 1802-1813
Benahcene, M., see Commaut, C., *T-AC Feb 99* 348-352
Benzaïd, Z. On the constrained controllability of linear time-varying discrete systems; *T-AC Mar 99* 608-612
Benzaouia, A., and A. Baddou. Piecewise linear constrained control for continuous-time systems; *T-AC Jul 99* 1477-1481
Berg, J., A. Yezzi, and A. Tannenbaum. Curve evolution models for real-time identification with application to plasma etching; *T-AC Jan 99* 99-102
Bernussou, J., see Geromel, J.C., *T-AC Jul 99* 1449-1454
Besancon, G. On output transformations for state linearization up to output injection; *T-AC Oct 99* 1975-1981
Besson, V., and A.T. Shenton. An interactive parameter space method for robust performance in mixed sensitivity problems; *T-AC Jun 99* 1272-1276
Bitsoris, G., and E. Gravalou. Design techniques for the control of discrete-time systems subject to state and control constraints; *T-AC May 99* 1057-1061
Bittanti, S., P. Colaneri, and M.F. Mongiovi. From singular to nonsingular filtering of periodic systems: filling the gap with the spectral interactor matrix; *T-AC Jan 99* 222-227
Blachura, M.J. On approximate pulse transfer functions; *T-AC Nov 99* 2062-2067
Blachuta, M.J. Discrete-time modeling of sampled-data control systems with direct feedthrough; *T-AC Jan 99* 134-139
Blachuta, M.J. On zeros of pulse transfer functions; *T-AC Jun 99* 1229-1234
Blanchini, F., and S. Miani. A new class of universal Lyapunov functions for the control of uncertain linear systems; *T-AC Mar 99* 641-647
Blanchini, F., and A. Megretski. Robust state feedback control of LTV systems: nonlinear is better than linear; *T-AC Apr 99* 802-807
Bodson, M. A discussion of Chaplin and Smith's patent for the cancellation of repetitive vibrations; *T-AC Nov 99* 2221-2225
Bo Hu. and A.N. Michel. Some qualitative properties of multirate digital control systems; *T-AC Apr 99* 765-770
Boimond, J.-L., see Cotenceau, B., *T-AC Jun 99* 1258-1262
Bokor, J., see Szabo, Z., *T-AC Jan 99* 153-158
Bolzern, P., and M. Maroni. New conditions for the convergence of H_∞ filters and predictors; *T-AC Aug 99* 1564-1568
Bonnet, C., and J.R. Partington. Bezout factors and L^1 -optimal controllers for delay systems using a two-parameter compensator scheme; *T-AC Aug 99* 1512-1521
Bor-Chyun Wang. see Sy-Kang Shen, *T-AC Jan 99* 227-231
Boros, T., A.H. Sayed, and T. Kailath. A recursive method for solving unconstrained tangential interpolation problems; *T-AC Mar 99* 454-470
Borrelli, D., A.S. Morse, and E. Mosca. Discrete-time supervisory control of families of two-degrees-of-freedom linear set-point controllers; *T-AC Jan 99* 178-181
Boukas, E.-K., see Qian-Yu Tang, *T-AC Sep 99* 1719-1725
Boukas, E.-K., see Peng Shi, *T-AC Nov 99* 2139-2144
Boukas, E.-K., see Peng Shi, *T-AC Aug 99* 1592-1597
Bourles, H., and B. Marinescu. Poles and zeros at infinity of linear time-varying systems; *T-AC Oct 99* 1981-1985
Boutayeb, M., and D. Aubry. A strong tracking extended Kalman observer for nonlinear discrete-time systems; *T-AC Aug 99* 1550-1556
Braslavsky, J.H., see Serua, M.M., *T-AC Apr 99* 829-833
Brockett, R.W., see Wing Shing Wong, *T-AC May 99* 1049-1053
Brogliato, B., see Villani, L., *T-AC Apr 99* 798-802
Burgess, K., and K.M. Passino. Path-clearing policies for flexible manufacturing systems; *T-AC Mar 99* 573-578
Busawon, K.K., and M. Saif. A state observer for nonlinear systems; *T-AC Nov 99* 2098-2103
Byun, J., see Shim, H., *T-AC Mar 99* 587

C

- Cabrera, J.B.D.**, and K.S. Narendra. Issues in the application of neural networks for tracking based on inverse control; *T-AC Nov 99* 2007-2027
Caccavale, F., P. Chiacchio, and S. Chiaverini. Stability analysis of a joint space control law for a two-manipulator system; *T-AC Jan 99* 85-88
Caccavale, F., B. Siciliano, and L. Villani. Robot impedance control with nondiagonal stiffness; *T-AC Oct 99* 1943-1946
Camacho, E.F., see Normey-Rico, J.E., *T-AC Aug 99* 1597-1603
Campbell, S.L., see Nikoukhah, R., *T-AC Oct 99* 1829-1839
Canudas de Wit, C., and J. Ramirez. Optimal torque control for current-fed induction motors; *T-AC May 99* 1084-1089
Cao Yong-Yan. see Yong-Yan Cao, *T-AC Jun 99* 1277-1282
Caramanis, M.C., see Veatch, M.H., *T-AC May 99* 914-921
Caramanis, M.C., see Veatch, M.H., *T-AC Apr 99* 779-783
Carlemalm, C., S. Halvarsson, T. Wigren, and B. Wahlberg. Algorithms for time delay estimation using a low complexity exhaustive search; *T-AC May 99* 1031-1037

- Carravetta, F.**, and G. Mavelli. Minimax quadratic filtering of uncertain linear stochastic systems with partial fourth-order information; *T-AC Jun 99* 1287-1292
- Casavola, A.**, M. Giannelli, and E. Mosca. Global predictive regulation of null-controllable input-saturated linear systems; *T-AC Nov 99* 2226-2230
- Castanon, D.**, S. Streltsov, and P. Vakil. Optimality of index policies for a sequential sampling problem; *T-AC Jan 99* 145-148
- Cavallo, A.**, G. De Maria, and P. Nistri. Robust control design with integral action and limited rate control; *T-AC Aug 99* 1569-1572
- Chabour, R.**, and A. Ferfera. Singularity for static-state feedback linearizable bilinear systems; *T-AC Aug 99* 1559-1564
- Chai Soh Yeng**, see Lihua Xie, *T-AC Feb 99* 418-422
- Chai Soh Yeng**, see Changyun Wen, *T-AC Jul 99* 1464-1469
- Chai Soh Yeng**, see Huanshui Zhang, *T-AC Nov 99* 2154-2158
- Chan Gook Park**, see Dohyoung Chung, *T-AC Oct 99* 1919-1923
- Changyun Wen**, and Yeng Chai Soh. Decentralized model reference adaptive control without restriction on subsystem relative degrees; *T-AC Jul 99* 1464-1469
- Charalambos, C.D.**, see Hibey, J.L., *T-AC Aug 99* 1628-1632
- Charalambos, C.D.**, and R.J. Elliott. Finite-dimensional nonlinear output feedback dynamic games and bounds for sector nonlinearities; *T-AC Sep 99* 1753-1759
- Charalambos, C.D.**, see Hibey, J.L., *T-AC Nov 99* 2164-2169
- Chee-Fai Yung**, and Chi-Ming Yang. H^∞ control for linear time-varying systems: controller parameterization; *T-AC Nov 99* 2058-2062
- Chen, H.F.**, T.E. Duncan, and B. Pasik-Duncan. A Kiefer-Wolfowitz algorithm with randomized differences; *T-AC Mar 99* 442-453
- Chen, S.**, J. Wu, R.H. Istepanian, and J. Chu. Optimizing stability bounds of finite-precision PID controller structures; *T-AC Nov 99* 2149-2153
- Chen, S.J.**, see Lin, J.L., *T-AC Oct 99* 1924-1929
- Chen, Y.**, C. Wen, Z. Gong, and M. Sun. An iterative learning controller with initial state learning; *T-AC Feb 99* 371-376
- Chen Fu-Chuang**, see Chien-Shu Hsieh, *T-AC Jan 99* 194-199
- Cheng Xiao**, see Williams, T., *T-AC Sep 99* 1791-1795
- Chen Jie**, see Guoxiang Gu, *T-AC Apr 99* 846-852
- Chen Jie**, see Demin Xu, *T-AC Jul 99* 1435-1441
- Chen Min-Shin**, see Min-Shin Chen, *T-AC Jan 99* 218-222
- Chen Min-Shin**, see Min-Shin Chen, *T-AC Sep 99* 1742-1745
- Chen Tongwen**, see Li Qin, *T-AC Mar 99* 537-550
- Chen Wei**, and Lei Guo. Prediction-based discrete-time adaptive nonlinear stochastic control; *T-AC Sep 99* 1725-1729
- Chen Yong-Zhi**, see Min-Shin Chen, *T-AC Jan 99* 218-222
- Chiacchio, P.**, see Caccavale, F., *T-AC Jan 99* 85-88
- Chia-Chi Tsui** High-performance state feedback, robust, and output feedback stabilizing control-a systematic design algorithm; *T-AC Mar 99* 560-563
- Chiaverini, S.**, see Caccavale, F., *T-AC Jan 99* 85-88
- Chien-Shu Hsieh**, and Fu-Chuang Chen. Optimal solution of the two-stage Kalman estimator; *T-AC Jan 99* 194-199
- Chi Ho Yu**, see Loo Hay Lee, *T-AC Jan 99* 94-99
- Chi-Jo Wang** Controllability and observability of linear time varying singular systems; *T-AC Oct 99* 1901-1905
- Chilali, M.**, P. Gahinet, and P. Apkarian. Robust pole placement in LMI regions; *T-AC Dec 99* 2257-2270
- Chi-Ming Yang**, see Chee-Fai Yung, *T-AC Nov 99* 2058-2062
- Ching-Yei Chung, S.**, and Chun-Liang Lin. A transformed Lure problem for sliding mode control and chattering reduction; *T-AC Mar 99* 563-568
- Chiu Jung-Shian**, see Tzou-Hseng S. Li, *T-AC Oct 99* 1934-1938
- Chong, E.K.P.**, S. Hui, and S.H. Zak. An analysis of a class of neural networks for solving linear programming problems; *T-AC Nov 99* 1995-2006
- Chong Lin**, Jian Liang Wang, Guang-Hong Yan, and C.B. Soh. Robust C-controllability and/or C-observability for uncertain descriptor systems with interval perturbations in all matrices; *T-AC Sep 99* 1768-1773
- Chou Yung-Shan**, see Yung-Shan Chou, *T-AC May 99* 906-913
- Chu, D.L.**, and D.W.C. Ho. Necessary and sufficient conditions for the output feedback regularization of descriptor systems; *T-AC Feb 99* 405-412
- Chu, J.**, see Chen, S., *T-AC Nov 99* 2149-2153
- Chu Jian**, see Jun Wu, *T-AC Oct 99* 1869-1874
- Chun-Bo Feng**, and Shumin Fei. A unified approach for stability analysis of a class of time-varying nonlinear systems; *T-AC May 99* 998-1002
- Chung Dohyoung**, see Dohyoung Chung, *T-AC Oct 99* 1919-1923
- Chunhai Hou**, and Jixin Qian. Remarks on quantitative analysis for a family of scalar delay differential inequalities; *T-AC Feb 99* 334-336
- Chun-Liang Lin**, see Ching-Yei Chung, S., *T-AC Mar 99* 563-568
- Chun-Yi Su**, and Y. Stepanenko. Adaptive variable structure set-point control of underactuated robots; *T-AC Nov 99* 2090-2093
- Chu Yun-Chung**, see Yun-Chung Chu, *T-AC Mar 99* 471-483
- Chu Yun-Chung**, see Yun-Chung Chu, *T-AC Mar 99* 484-496
- Chyi Hwang**, and Shih-Feng Yang. Comments on the computation of interval Routh approximants; *T-AC Sep 99* 1782-1787
- Cishen Zhang**, and Jingxin Zhang. Performance of periodically time-varying controllers for sampled data control; *T-AC Aug 99* 1607-1611
- Colaneri, P.**, see Bittanti, S., *T-AC Jan 99* 222-227
- Collado, J.**, see Lozano, R., *T-AC Dec 99* 2318-2320
- Commault, C.**, J.M. Dion, and M. Benahcene. Decoupling of structured systems by parameter-independent precompensation and state feedback; *T-AC Feb 99* 348-352
- Cottenceau, B.**, L. Hardouin, J.-L. Boimond, and J.-L. Ferrier. Synthesis of greatest linear feedback for timed-event graphs in dioid; *T-AC Jun 99* 1258-1262
- Crusius, C.A.R.**, and A. Trofino. Sufficient LMI conditions for output feedback control problems; *T-AC May 99* 1053-1057
- Cury, J.E.R.**, and B.H. Krogh. Robustness of supervisors for discrete-event systems; *T-AC Feb 99* 376-379
- D**
- Dahleh, M.**, see D'Alessandro, D., *T-AC Oct 99* 1852-1863
- Dai Jianshe**, see Shuning Wang, *T-AC Jun 99* 1282-1286
- D'Alessandro, D.**, M. Dahleh, and I. Mezić. Control of mixing in fluid flow: a maximum entropy approach; *T-AC Oct 99* 1852-1863
- Damm, G.**, see Liu Hsu, *T-AC Apr 99* 698-713
- D'Andrea, R.** Generalized l_2 synthesis; *T-AC Jun 99* 1145-1156
- Darouach, M.**, P. Pierrot, and E. Richard. Design of reduced-order observers without internal delays; *T-AC Sep 99* 1711-1713
- da Silva, J.M.G., Jr.**, and S. Tarbouriech. Polyhedral regions of local stability for linear discrete-time systems with saturating controls; *T-AC Nov 99* 2081-2085
- Datta, A.**, and Lei Xing. Adaptive internal model control: H_∞ optimization for stable plants; *T-AC Nov 99* 2130-2134
- Davison, D.E.**, P.T. Kabamba, and S.M. Meerkov. Limitations of disturbance rejection in feedback systems with finite bandwidth; *T-AC Jun 99* 1132-1144
- Davison, D.E.**, P.T. Kabamba, and S.M. Meerkov. Robustness with respect to disturbance model uncertainty-analysis and design; *T-AC Aug 99* 1556-1559
- Dayawansa, W.P.**, and C.F. Martin. Dynamical systems which undergo switching; *T-AC Apr 99* 751-760
- Deistler, M.**, see Bauer, D., *T-AC Jun 99* 1118-1131
- De La Sen, M.** On the robust adaptive stabilization of a class of nominally first-order hybrid systems; *T-AC Mar 99* 597-602
- Delebecque, F.**, see Nikoukhal, R., *T-AC Oct 99* 1829-1839
- De Maria, G.**, see Cavallo, A., *T-AC Aug 99* 1569-1572
- Demin Xu**, Zhang Ren, Guoxiang Gu, and Jie Chen. LFT uncertain model validation with time- and frequency-domain measurements; *T-AC Jul 99* 1435-1441
- De Moor, B.**, see Soykens, J.A.K., *T-AC Apr 99* 770-774
- De Moor, B.**, see Favoreel, W., *T-AC Jun 99* 1157-1165
- Deng Hua**, see Hua Deng, *T-AC Feb 99* 328-333
- De Nicolao, G.**, and G.F. Trecate. Consistent identification of NARX models via regularization networks; *T-AC Nov 99* 2045-2049
- de Oliveira, M.C.**, see Geromel, J.C., *T-AC Jul 99* 1449-1454
- Desbouvries, F.**, and P. Loubaton. On the identification of certain rational transfer functions from truncated autocovariance sequences; *T-AC May 99* 1078-1081
- de Souza, C.E.**, see Weizhou Su, *T-AC May 99* 989-993
- de Souza, C.E.**, see Pila, A.W., *T-AC Jul 99* 1412-1417
- Devasia, S.** Approximated stable inversion for nonlinear systems with nonhyperbolic internal dynamics; *T-AC Jul 99* 1419-1425
- De Wit, C.C.**, see Villani, L., *T-AC Apr 99* 798-802
- de Wit, C.C.**, see Georges, D., *T-AC Jul 99* 1430-1435
- Dey, S.**, and J.B. Moore. Finite-dimensional risk-sensitive filters and smoothers for discrete-time nonlinear systems; *T-AC Jun 99* 1234-1239
- Diab, M.**, V. Sreeram, and W.Q. Liu. Frequency-weighted model reduction via quasi-Kalman decomposition; *T-AC Jan 99* 139-144
- Dimigianopoulos, D.**, R. Lozano, and A. Ailon. Indirect adaptive periodic control; *T-AC Dec 99* 2308-2312
- Dinca, L.**, T. Aldemir, and G. Rizzoni. A model-based probabilistic approach for fault detection and identification with application to the diagnosis of automotive engines; *T-AC Nov 99* 2200-2205
- Ding, X.**, L. Guo, and T. Jansch. A characterization of parity space and its application to robust fault detection; *T-AC Feb 99* 337-343
- Dingankar, A.T.** The unreasonable effectiveness of neural network approximation; *T-AC Nov 99* 2043-2044
- Dion, J.M.**, see Commault, C., *T-AC Feb 99* 348-352
- Divekar, A.M.**, and R.K. Yedavalli. Robust controller design for matrix second-order systems with structured uncertainty; *T-AC Feb 99* 401-405
- Divekar, A.M.**, and R.K. Yedavalli. Stability of matrix second-order systems: new conditions and perspectives; *T-AC Sep 99* 1773-1777
- Djafferis, T.E.** Linear System (Antsaklis, P.J., and Michel, A.N.; 1997) [book review]; *T-AC Jun 99* 1320-1321
- Dohyoung Chung**, Chan Gook Park, and Jang Gyu Lee. Robustness of controllability and observability of continuous linear time-varying systems with parameter perturbations; *T-AC Oct 99* 1919-1923
- Dong-Ping Song**, and You-Xian Sun. Optimal control structure of an unreliable manufacturing system with random demands; *T-AC Mar 99* 619-622
- Dorato, P.**, D. Famularo, and C.T. Abdallah. Analytic phase margin design; *T-AC Oct 99* 1894-1900
- Doyle, J.**, see Beck, C.L., *T-AC Oct 99* 1802-1813
- Dragan, V.**, see Peng Shi, *T-AC Sep 99* 1738-1742
- Dullerud, G.E.**, and S. Lall. A new approach for analysis and synthesis of time-varying systems; *T-AC Aug 99* 1486-1497
- Dumas, V.** Diverging paths in FIFO fluid networks; *T-AC Jan 99* 191-194
- Duncan, T.E.**, B. Pasik-Duncan, and Q. Zhang. Adaptive control of stochastic manufacturing systems with hidden Markovian demands and small noise; *T-AC Feb 99* 427-430
- Duncan, T.E.**, see Chen, H.F., *T-AC Mar 99* 442-453
- Duncan, T.E.**, L. Guo, and B. Pasik-Duncan. Adaptive continuous-time linear quadratic Gaussian control; *T-AC Sep 99* 1653-1662
- Duncan, T.E.**, P. Mandl, and B. Pasik-Duncan. A note on sampling and parameter estimation in linear stochastic systems; *T-AC Nov 99* 2120-2125
- Durovic, Z.M.**, and B.D. Kovacevic. Robust estimation with unknown noise statistics; *T-AC Jun 99* 1292-1296
- Dye-Jyun Ma**, and A.M. Makowski. Steering policies for controlled Markov chains under a recurrence condition; *T-AC Aug 99* 1583-1587
- E**
- Edward Lau Tak Wing**, see Loo Hay Lee, *T-AC Jan 99* 94-99
- Egeland, O.**, see Petersen, K.Y., *T-AC Jan 99* 112-115
- Elliott, R.J.**, and V. Krishnamurthy. New finite-dimensional filters for parameter estimation of discrete-time linear Gaussian models; *T-AC May 99* 938-951
- Elliott, R.J.**, see Charalambos, C.D., *T-AC Sep 99* 1753-1759
- Elliott, R.J.**, V. Krishnamurthy, and H.V. Poor. Exact filters for certain moments and stochastic integrals of the state of systems with Benes nonlinearity; *T-AC Oct 99* 1929-1933
- El Yaagoubi, E.H.**, see Hammouri, H., *T-AC Oct 99* 1879-1884
- Emre Kose, I.**, and F. Jabbari. Control of LPV systems with partly measured parameters; *T-AC Mar 99* 658-663
- Ergon, R.** On primary output estimation by use of secondary measurements as input signals in system identification; *T-AC Apr 99* 821-825
- Er-Wei Bai**, and Yinyu Ye. Constrained logarithmic least squares in parameter estimation; *T-AC Jan 99* 182-186
- Eryilmaz, B.**, see Wilson, B.H., *T-AC Mar 99* 551-555
- e Silva, A.S.**, see Bazanella, A.S., *T-AC Mar 99* 588-592

- Eslami, M.** In memoriam - Thomas James Higgins; A walking encyclopedia; *T-AC Mar 99* 440-441
- Estrada, M.B.**, and M. Malabre. Necessary and sufficient conditions for disturbance decoupling with stability using PID control laws; *T-AC Jun 99* 1311-1315
- Evans, J.**, and V. Krishnamurthy. Exact filters for doubly stochastic AR models with conditionally Poisson observations; *T-AC Apr 99* 794-798
- Evans, R.J.**, see Netic, D., *T-AC Apr 99* 868-872

F

- Familoni, B.O.**, see Ji, X.D., *T-AC Jul 99* 1469-1473
- Famularo, D.**, see Dorato, P., *T-AC Oct 99* 1894-1900
- Fan-Chu Kung**, see Tzou-Hseng S. Li, *T-AC Oct 99* 1934-1938
- Fang Huajing**, see Hao Lu, *T-AC Jun 99* 1309-1310
- Fard, P.J.**, see Hernandez-Hernandez, D., *T-AC May 99* 1093-1100
- Farrell, J.A.**, see Sureshbabu, N., *T-AC Feb 99* 412-417
- Favoreel, W.**, B. De Moor, and P. Van Overschee. Subspace identification of bilinear systems subject to white inputs; *T-AC Jun 99* 1157-1165
- Feinberg, E.A.**, and A. Shwartz. Constrained dynamic programming with two discount factors: applications and an algorithm; *T-AC Mar 99* 628-631
- Fei Shumin**, see Chun-Bo Feng, *T-AC May 99* 998-1002
- Feng Chun-Bo**, see Chun-Bo Feng, *T-AC May 99* 998-1002
- Feng Gang**, see Gang Feng, *T-AC Sep 99* 1764-1768
- Feng Lin**, see Yonghua Li, *T-AC Oct 99* 1971-1975
- Fengsheng Tu**, see Zikuan Liu, *T-AC Apr 99* 872-875
- Ferfera, A.**, see Chabour, R., *T-AC Aug 99* 1559-1564
- Fernandez-Anaya, G.** Preservation of SPR functions and stabilization by substitutions in SISO plants; *T-AC Nov 99* 2171-2174
- Ferrante, A.**, A. Lepschy, and U. Viaro. A simple proof of the Routh test; *T-AC Jun 99* 1306-1309
- Ferrara, A.**, see Bartolini, G., *T-AC Jan 99* 70-76
- Ferrara, A.**, see Bartolini, G., *T-AC Apr 99* 789-793
- Ferrier, J.-L.**, see Cotteceau, B., *T-AC Jun 99* 1258-1262
- Fialho, I.J.**, and T.T. Georgiou. Worst case analysis of nonlinear systems; *T-AC Jun 99* 1180-1196
- Fliess, M.**, J. Levine, P. Martin, and P. Rouchon. A Lie-Backlund approach to equivalence and flatness of nonlinear systems; *T-AC May 99* 922-937
- Fornasini, E.**, and M.E. Valcher. Stability properties and periodic evolutions of bilinear systems in input-output form; *T-AC Jun 99* 1197-1202
- Forssell, U.**, see Ljung, L., *T-AC Nov 99* 2206-2209
- Freiling, G.**, S.-R. Lee, and G. Jank. Coupled matrix Riccati equations in minimal cost variance control problems; *T-AC Mar 99* 556-560
- Fu-Chuang Chen**, see Chien-Shu Hsieh, *T-AC Jan 99* 194-199
- Fujimori, K.**, see Hayakawa, K., *T-AC Feb 99* 392-396
- Funahashi, Y.**, see Ooba, T., *T-AC Aug 99* 1582-1583
- Furutani, E.**, see Hagiwara, T., *T-AC Aug 99* 1573-1577

G

- Gahinet, P.**, see Chilali, M., *T-AC Dec 99* 2257-2270
- Gajic, Z.**, see Popescu, D.C., *T-AC Nov 99* 2209-2214
- Gang Feng** Analysis of a new algorithm for continuous-time robust adaptive control; *T-AC Sep 99* 1764-1768
- Garcia, G.**, S. Tarbouriech, R. Suarez, and J. Alvarez-Ramirez. Nonlinear bounded control for norm-bounded uncertain systems; *T-AC Jun 99* 1254-1258
- Garcia, G.**, see Henrion, D., *T-AC Nov 99* 2230-2237
- Garg, V.K.**, R. Kumar, and S.I. Marcus. A probabilistic language formalism for stochastic discrete-event systems; *T-AC Feb 99* 280-293
- Gaubert, S.**, and J. Mairesse. Modeling and analysis of timed Petri nets using heaps of pieces; *T-AC Apr 99* 683-697
- Georges, D.**, C.C. de Wit, and J. Ramirez. Nonlinear H_2 and H_∞ optimal controllers for current-fed induction motors; *T-AC Jul 99* 1430-1435
- Georgiou, T.T.** The interpolation problem with a degree constraint; *T-AC Mar 99* 631-635
- Georgiou, T.T.**, see Fialho, I.J., *T-AC Jun 99* 1180-1196
- Gera, A.E.** The relationship between the Z-transform and the discrete-time Fourier transform; *T-AC Feb 99* 370-371
- Gerencser, L.** Convergence rate of moments in stochastic approximation with simultaneous perturbation gradient approximation and resetting; *T-AC May 99* 894-905
- Geromel, J.C.**, J. Bernussou, and M.C. de Oliveira. H_2 -norm optimization with constrained dynamic output feedback controllers: decentralized and reliable control; *T-AC Jul 99* 1449-1454
- Gessing, R.** Word length of pulse transfer function for small sampling periods; *T-AC Sep 99* 1760-1764
- Giannelli, M.**, see Casavola, A., *T-AC Nov 99* 2226-2230
- Giuliani, S.**, see Ploix, S., *T-AC Feb 99* 422-426
- Giusto, A.**, and F. Paganini. Robust synthesis of feedforward compensators; *T-AC Aug 99* 1578-1582
- Glielmo, L.**, R. Setola, and F. Vasca. An interlaced extended Kalman filter; *T-AC Aug 99* 1546-1549
- Glover, K.**, see Yun-Chung Chu, *T-AC Mar 99* 471-483
- Glover, K.**, see Yun-Chung Chu, *T-AC Mar 99* 484-496
- Godfrey, K.** Identification of Parametric Models from Experimental Data (Walter, E., and Pronzato, L.; 1997) [book review]; *T-AC Dec 99* 2321-2322
- Gong, Z.**, see Chen, Y., *T-AC Feb 99* 371-376
- Gong Wei-Bo**, see Nananukul, S., *T-AC May 99* 1070-1073
- Gook Park Chan**, see Dohyoung Chung, *T-AC Oct 99* 1919-1923
- Gravalou, E.**, see Bitsoris, G., *T-AC May 99* 1057-1061
- Grimble, M.J.** Stochastic control of discrete systems: a separation principle for Wiener and polynomial systems; *T-AC Nov 99* 2125-2130
- Guang-Hong Yan**, see Chong Lin, *T-AC Sep 99* 1768-1773
- Guang-Hong Yang**, Jianliang Wang, C.B. Soh, and J. Lam. Decentralized H_∞ -controller design for nonlinear systems; *T-AC Mar 99* 578-583
- Guang-Hong Yang**, see Shoudong Huang, *T-AC Nov 99* 2108-2114
- Gu Guoxiang**, see Guoxiang Gu, *T-AC Apr 99* 846-852
- Gu Guoxiang**, see Demin Xu, *T-AC Jul 99* 1435-1441
- Gu Guoxiang**, see Guoxiang Gu, *T-AC Aug 99* 1498-1511
- Guillaume, P.**, see Schoukens, J., *T-AC Feb 99* 343-347

- Gundes, A.N.**, and M.G. Kabuli. Parametrization of stabilizing controllers with integral action; *T-AC Jan 99* 116-119
- Gunther, S.**, see Reif, K., *T-AC Apr 99* 714-728
- Guo, L.**, see Ding, X., *T-AC Feb 99* 337-343
- Guo, L.**, see Duncan, T.E., *T-AC Sep 99* 1653-1662
- Guo Lei**, see Chen Wei, *T-AC Sep 99* 1725-1729
- Guo Lei**, see Liang-Liang Xie, *T-AC Sep 99* 1777-1782
- Guoxiang Gu**, Jie Chen, and E.B. Lee. Parametric H_∞ loopshaping and weighted mixed sensitivity minimization; *T-AC Apr 99* 846-852
- Guoxiang Gu**, see Demin Xu, *T-AC Jul 99* 1435-1441
- Guoxiang Gu** Modeling of normalized coprime factors with v -metric uncertainty; *T-AC Aug 99* 1498-1511
- Gustafsson, F.**, see Ninness, B., *T-AC Jul 99* 1384-1406
- Gyu Lee Jang**, see Dohyoung Chung, *T-AC Oct 99* 1919-1923

H

- Hagiwara, T.**, Y. Miyake, E. Furutani, and M. Araki. Stability condition of a class of nonlinear feedback systems: reduction to a convex problem; *T-AC Aug 99* 1573-1577
- Ha In-Joong**, see Seung Jean Kim, *T-AC Jan 99* 66-70
- Ha In-Joong**, see Seung-Jean Kim, *T-AC Nov 99* 2086-2089
- Halpern, M.E.**, see Polyak, B.T., *T-AC Nov 99* 2076-2080
- Halvarsson, S.**, see Carlemalm, C., *T-AC May 99* 1031-1037
- Hamelin, F.**, see Sauter, D., *T-AC Apr 99* 878-882
- Hammouri, H.**, M. Ikkinnaert, and E.H. El Yaagoubi. Observer-based approach to fault detection and isolation for nonlinear systems; *T-AC Oct 99* 1879-1884
- Hao Lu**, Huajing Fang, and Xinhua Huang. Comments on "A weighted mixed-sensitivity H_∞ -control design for irrational transfer matrices"; *T-AC Jun 99* 1309-1310
- Hardouin, L.**, see Cotteceau, B., *T-AC Jun 99* 1258-1262
- Hayakawa, K.**, K. Matsumoto, M. Yamashita, Y. Suzuki, K. Fujimori, and H. Kimura. Robust H^∞ -output feedback control of decoupled automobile active suspension systems; *T-AC Feb 99* 392-396
- Hay Lee Loo**, see Loo Hay Lee, *T-AC Jan 99* 94-99
- He Jian-Bo**, see Qing-Guo Wang, *T-AC Mar 99* 593-596
- Henrion, D.**, and M. Sebek. Reliable numerical methods for polynomial matrix triangularization; *T-AC Mar 99* 497-508
- Henrion, D.**, S. Tarbouriech, and G. Garcia. Output feedback robust stabilization of uncertain linear systems with saturating controls: an LMI approach; *T-AC Nov 99* 2230-2237
- Hernandez-Hernandez, D.**, S.I. Marcus, and P.J. Fard. Analysis of a risk-sensitive control problem for hidden Markov chains; *T-AC May 99* 1093-1100
- Herrera, A.**, see Lozano, R., *T-AC Dec 99* 2318-2320
- Hess, R.A.** Advances in Aircraft Flight Control (Tischler, M.B., Ed.; 1996) [book review]; *T-AC Apr 99* 887-889
- Hibey, J.L.**, and C.D. Charalambos. Performance analysis for a changepoint problem; *T-AC Aug 99* 1628-1632
- Hibey, J.L.**, and C.D. Charalambos. Conditional densities for continuous-time nonlinear hybrid systems with applications to fault detection; *T-AC Nov 99* 2164-2169
- Hill, D.**, see Zhong-Ping Jiang, *T-AC Apr 99* 807-812
- Hill, D.J.**, see Zhong-Ping Jiang, *T-AC Sep 99* 1705-1711
- Hjalmarsson, H.**, see Ninness, B., *T-AC Jul 99* 1384-1406
- Ho, D.W.C.**, see Chu, D.L., *T-AC Feb 99* 405-412
- Hong Lang**, see Lang Hong, *T-AC Jul 99* 1326-1340
- Hong Wang** Robust control of the output probability density functions for multivariable stochastic systems with guaranteed stability; *T-AC Nov 99* 2103-2107
- Hoshii, N.**, see Muramatsu, E., *T-AC Jan 99* 76-81
- Hou, M.**, and P.C. Muller. Causal observability of descriptor systems; *T-AC Jan 99* 158-163
- Hou, M.**, and P.C. Muller. Observer design for descriptor systems; *T-AC Jan 99* 164-169
- Hou, M.**, A.C. Pugh, and P.C. Muller. Disturbance decoupled functional observers; *T-AC Feb 99* 382-386
- Hou Chunhai**, see Chunhai Hou, *T-AC Feb 99* 334-336
- Hou Yu Chi**, see Loo Hay Lee, *T-AC Jan 99* 94-99
- Hsieh Chien-Shu**, see Chien-Shu Hsieh, *T-AC Jan 99* 194-199
- Hsu Liu**, see Liu Hsu, *T-AC Apr 99* 698-713
- Hu, X.**, and C. Martin. Linear reachability versus global stabilization; *T-AC Jun 99* 1303-1305
- Hua Deng**, and M. Krstic. Output-feedback stochastic nonlinear stabilization; *T-AC Feb 99* 328-333
- Huajing Fang**, see Hao Lu, *T-AC Jun 99* 1309-1310
- Huang, C.-H.**, P.A. Ioannou, J. Maroulas, and M.G. Safonov. Design of strictly positive real systems using constant output feedback; *T-AC Mar 99* 569-573
- Huang Shoudong**, see Shoudong Huang, *T-AC Nov 99* 2108-2114
- Huang Xinhua**, see Hao Lu, *T-AC Jun 99* 1309-1310
- Huanshui Zhang**, Lihua Xie, and Yeng Chai Soh. Optimal recursive filtering, prediction, and smoothing for singular stochastic discrete-time systems; *T-AC Nov 99* 2154-2158
- Hu Bo**, see Bo Hu, *T-AC Apr 99* 765-770
- Hui, S.**, see Chong, E.K.P., *T-AC Nov 99* 1995-2006
- Hui Lin Zheng**, see Yonghua Li, *T-AC Oct 99* 1971-1975
- Hu Tingshu**, see Tingshu Hu, *T-AC Oct 99* 1938-1942
- Hwang Chyi**, see Chyi Hwang, *T-AC Sep 99* 1782-1787
- Hwan Il Kang** Comments on "Robust stability of linear systems with delayed perturbations"; *T-AC Aug 99* 1612
- Hwan Il Kang** Some discrete-time counterparts to extreme point results for robust stability of a diamond of polynomials; *T-AC Aug 99* 1613-1615
- Hyun Kwon Wook**, see Wook Hyun Kwon, *T-AC Sep 99* 1787-1791
- Hyun Kwon Wook**, see Wook Hyun Kwon, *T-AC Nov 99* 2115-2120

I

- Iglesias, P.A.**, see Peters, M.A., *T-AC May 99* 1065-1069
- Ikedo, M.**, see Muramatsu, E., *T-AC Jan 99* 76-81
- Ilchmann, A.**, and S. Townley. Adaptive sampling control of high-gain stabilizable systems; *T-AC Oct 99* 1961-1966

- Il Kang Hwan**, see Hwan Il Kang, *T-AC Aug 99* 1612
Il Kang Hwan, see Hwan Il Kang, *T-AC Aug 99* 1613-1615
Inaba, H., see Shiomi, K., *T-AC Aug 99* 1615-1620
Indri, M., and A. Tornambe. Impact model and control of two multi-DOF cooperating manipulators; *T-AC Jun 99* 1297-1303
In-Joong Ha, see Seung Jean Kim, *T-AC Jan 99* 66-70
In-Joong Ha, see Seung-Jean Kim, *T-AC Nov 99* 2086-2089
Ioannou, P.A., see Youping Zhang, *T-AC Jan 99* 119-124
Ioannou, P.A., see Huang, C.-H., *T-AC Mar 99* 569-573
Ioannou, P.A., see Kosmatopoulos, E.B., *T-AC Apr 99* 742-750
Ionescu, V. Time-varying discrete Riccati equation: l^2 -invertibility, dichotomy, and disconjugacy; *T-AC Nov 99* 2158-2163
Iracleous, D.P., and A.T. Alexandridis. A simple solution to the optimal eigenvalue assignment problem; *T-AC Sep 99* 1746-1749
Ishijima, S., see Kojima, A., *T-AC Feb 99* 352-357
Isidori, A., B. Schwartz, and T.J. Tarn. Semiglobal L_2 performance bounds for disturbance attenuation in nonlinear systems; *T-AC Aug 99* 1535-1545
Istepanian, R.H., see Chen, S., *T-AC Nov 99* 2149-2153
Ito, H. Local stability and performance robustness of nonlinear systems with structured uncertainty; *T-AC Jun 99* 1250-1254
Iwasaki, T. The dual iteration for fixed-order control; *T-AC Apr 99* 783-788

J

- Jabbari, F.**, see Emre Kose, I., *T-AC Mar 99* 658-663
Jabbari, F., see Nguyen, T., *T-AC Apr 99* 852-857
Jang Gyu Lee, see Dohyoung Chung, *T-AC Oct 99* 1919-1923
Jank, G., see Freiling, G., *T-AC Mar 99* 556-560
Jankovic, M., see Mazenc, F., *T-AC Sep 99* 1795-1800
Jarachi, F., see Bastin, G., *T-AC Jun 99* 1262-1266
Jean Kim Seung, see Seung Jean Kim, *T-AC Jan 99* 66-70
Jeansch, T., see Ding, X., *T-AC Feb 99* 337-343
Jetto, L. Strong stabilization over polytopes; *T-AC Jun 99* 1211-1216
Ji, X.D., and B.O. Fiamloni. A diagonal recurrent neural network-based hybrid direct adaptive SPSA control system; *T-AC Jul 99* 1469-1473
Jiafi-Xin Xu, and Tao Zhu. Dual-scale direct learning control of trajectory tracking for a class of nonlinear uncertain systems; *T-AC Oct 99* 1884-1888
Jian-Bo He, see Qing-Guo Wang, *T-AC Mar 99* 593-596
Jian Chu, see Jun Wu, *T-AC Oct 99* 1869-1874
Jiang Zhong-Ping, see Zhong-Ping Jiang, *T-AC Feb 99* 265-279
Jiang Zhong-Ping, see Zhong-Ping Jiang, *T-AC Apr 99* 807-812
Jiang Zhong-Ping, see Zhong-Ping Jiang, *T-AC Sep 99* 1705-1711
Jianliang Wang, see Guang-Hong Yang, *T-AC Mar 99* 578-583
Jian Liang Wang, see Chong Lin, *T-AC Sep 99* 1768-1773
Jianshe Dai, see Shuning Wang, *T-AC Jun 99* 1282-1286
Jia-Yush Yen, see Min-Shin Chen, *T-AC Sep 99* 1742-1745
Jie Chen, see Guoxiang Gu, *T-AC Apr 99* 846-852
Jie Chen, see Demin Xu, *T-AC Jul 99* 1435-1441
Jingxin Zhang, see Cishen Zhang, *T-AC Aug 99* 1607-1611
Jixin Qian, see Chunhai Hou, *T-AC Feb 99* 334-336
Johansson, K.H., and A. Rantzer. Decentralized control of sequentially minimum phase systems; *T-AC Oct 99* 1909-1913
Jonsson, U. A Popov criterion for systems with slowly time-varying parameters; *T-AC Apr 99* 844-846
Jonsson, U. Duality in multiplier-based robustness analysis; *T-AC Dec 99* 2246-2256
Juung-Shian Chiou, see Tzou-Hseng S. Li, *T-AC Oct 99* 1934-1938
Jung-Shan Lin, and I. Kanellakopoulos. Nonlinearities enhance parameter convergence in strict feedback systems; *T-AC Jan 99* 89-94
Jun Wu, and Jian Chu. Approximation methods of scalar mixed H_2/H_1 problems for discrete-time systems; *T-AC Oct 99* 1869-1874

K

- Kabamba, P.T.**, see Davison, D.E., *T-AC Jun 99* 1132-1144
Kabamba, P.T., see Davison, D.E., *T-AC Aug 99* 1556-1559
Kabuli, M.G., see Gundes, A.N., *T-AC Jan 99* 116-119
Kachroo, P., see Ball, J.A., *T-AC Jun 99* 1202-1206
Kachroo, P. Existence of solutions to a class of nonlinear convergent chattering-free sliding mode control systems; *T-AC Aug 99* 1620-1624
Kailath, T., see Boros, T., *T-AC Mar 99* 454-470
Kanellakopoulos, I., see Jung-Shan Lin, *T-AC Jan 99* 89-94
Kang Hwan Il, see Hwan Il Kang, *T-AC Aug 99* 1612
Kang Hwan Il, see Hwan Il Kang, *T-AC Aug 99* 1613-1615
Karafyllis, I., see Tsinias, J., *T-AC Nov 99* 2179-2184
Karimi, A., see Landau, I.D., *T-AC Apr 99* 840-843
Khalil, H.K., see Atassi, A.N., *T-AC Sep 99* 1672-1687
Khargonekar, P.P., see Vincent, T.L., *T-AC Mar 99* 509-520
Kim Pyung Soo, see Wook Hyun Kwon, *T-AC Sep 99* 1787-1791
Kim Pyung Soo, see Wook Hyun Kwon, *T-AC Nov 99* 2115-2120
Kim Seung Jean, see Seung Jean Kim, *T-AC Jan 99* 66-70
Kim Seung-Jean, see Seung-Jean Kim, *T-AC Nov 99* 2086-2089
Kimura, H., see Hayakawa, K., *T-AC Feb 99* 392-396
Kinnaert, M., see Hammouri, H., *T-AC Oct 99* 1879-1884
Kojima, A., and S. Ishijima. LQ preview synthesis: optimal control and worst case analysis; *T-AC Feb 99* 352-357
Kokotovic, P.V., see Bazanella, A.S., *T-AC Mar 99* 588-592
Kokotovic, P.V., see Serua, M.M., *T-AC Apr 99* 829-833
Kolmanovskii, V.B., and J.-P. Richard. Stability of some linear systems with delays; *T-AC May 99* 984-989
Kolmanovskiy, I., see Reyhanoglu, M., *T-AC Sep 99* 1663-1671
Konstantopoulos, T., see Anantharam, V., *T-AC Mar 99* 583-586
Koole, G. On the static assignment to parallel servers; *T-AC Aug 99* 1588-1592
Koshkoei, A.J., and A.S.T. Zinober. Comments on "Linear quadratic regulators with eigenvalue placement in a vertical strip"; *T-AC Jul 99* 1417-1419
Kosmatopoulos, E.B., and P.A. Ioannou. A switching adaptive controller for feedback linearizable systems; *T-AC Apr 99* 742-750
Kotsios, S. Transformation of finite degree discrete Volterra systems with cross products to finite input-output forms; *T-AC Jul 99* 1460-1464

- Koumboulis, F.N.**, and V. Kucera. Partial model matching via static feedback (the multivariable case); *T-AC Feb 99* 386-392
Kovacevic, B.D., see Durovic, Z.M., *T-AC Jun 99* 1292-1296
Kreisselmeier, G. On sampling without loss of observability/controllability; *T-AC May 99* 1021-1025
Krener, A.J., see Ball, J.A., *T-AC Jun 99* 1202-1206
Krishnamurthy, V., see Elliott, R.J., *T-AC May 99* 938-951
Krishnamurthy, V., see Evans, J., *T-AC Apr 99* 794-798
Krishnamurthy, V., see Elliott, R.J., *T-AC Oct 99* 1929-1933
Krogh, B.H., see Cury, J.E.R., *T-AC Feb 99* 376-379
Krstic, M., see Hua Deng, *T-AC Feb 99* 328-333
Krstic, M., and P. Tsiotras. Inverse optimal stabilization of a rigid spacecraft; *T-AC May 99* 1042-1049
Kuang-Yang Tu, see Shamma, J.S., *T-AC Feb 99* 253-264
Kucera, V., see Koumboulis, F.N., *T-AC Feb 99* 386-392
Kuijper, M. Partial realization and the Euclidean algorithm; *T-AC May 99* 1013-1016
Kulkarni, S.R., and S.E. Posner. Nonparametric output prediction for nonlinear fading memory systems; *T-AC Jan 99* 29-37
Kumar, R., see Garg, V.K., *T-AC Feb 99* 280-293
Kumar, R., see Shayman, M.A., *T-AC Oct 99* 1864-1869
Kung Fan-Chu, see Tzou-Hseng S. Li, *T-AC Oct 99* 1934-1938
Kushner, H.J. Consistency issues for numerical methods for variance control, with applications to optimization in finance; *T-AC Dec 99* 2283-2296
Kwanghee Nam, and Min-Jea Tahik. A second-order stochastic filter involving coordinate transformation; *T-AC Mar 99* 603-608
Kwanghee Nam Stabilization of feedback linearizable systems using a radial basis function network; *T-AC May 99* 1026-1031
Kwon Wook Hyun, see Wook Hyun Kwon, *T-AC Sep 99* 1787-1791
Kwon Wook Hyun, see Wook Hyun Kwon, *T-AC Nov 99* 2115-2120

L

- Lafay, J.F.**, see Assan, J., *T-AC Aug 99* 1624-1628
Lainiotis, D.G., and P. Papaparaskeva. Efficient algorithms of clustering adaptive nonlinear filters; *T-AC Jul 99* 1454-1459
Lai Tze Leung, see Tze Leung Lai, *T-AC May 99* 952-966
Lall, S., see Dullerud, G.E., *T-AC Aug 99* 1486-1497
Lam, J., see Guang-Hong Yang, *T-AC Mar 99* 578-583
Lam, J., see Yong-Yan Cao, *T-AC Jun 99* 1277-1282
Lam, J., see Wei-Yong Yan, *T-AC Jul 99* 1341-1358
Lam, J., see Tingshu Hu, *T-AC Oct 99* 1938-1942
Lam, J., see Shoudong Huang, *T-AC Nov 99* 2108-2114
Lam, J., see Liqian Zhang, *T-AC Nov 99* 2134-2139
Lamnabhi-Lagarigue, F., see Ahmed-Ali, T., *T-AC Jun 99* 1244-1249
Lampe, B.P., see Rosenwasser, Ye.N., *T-AC Apr 99* 883-886
Landau, I.D., and A. Karimi. A recursive algorithm for ARMAX model identification in closed loop; *T-AC Apr 99* 840-843
Lang Hong Multirate interacting multiple model filtering for target tracking using multirate models; *T-AC Jul 99* 1326-1340
Lasserre, J.B. Sample-path average optimality for Markov control processes; *T-AC Oct 99* 1966-1971
Lau Tak Wing Edward, see Loo Hay Lee, *T-AC Jan 99* 94-99
Lee, E.B., see Guoxiang Gu, *T-AC Apr 99* 846-852
Lee, E.B., see Lu, W.W., *T-AC Oct 99* 1875-1879
Lee, L., see Tits, A.L., *T-AC Jan 99* 50-65
Lee, S.-R., see Freiling, G., *T-AC Mar 99* 556-560
Lee Jang Gyu, see Dohyoung Chung, *T-AC Oct 99* 1919-1923
Lee Loo Hay, see Loo Hay Lee, *T-AC Jan 99* 94-99
Lee Tong-Heng, see Qing-Guo Wang, *T-AC Mar 99* 593-596
Lee Tsu-Tian, see Sy-Kang Shen, *T-AC Jan 99* 227-231
Lei Guo, see Chen Wei, *T-AC Sep 99* 1725-1729
Lei Guo, see Liang-Liang Xie, *T-AC Sep 99* 1777-1782
Lei Xing, see Datta, A., *T-AC Nov 99* 2130-2134
Leland, R. Reduced-order models and controllers for continuous-time stochastic systems: an information theory approach; *T-AC Sep 99* 1714-1719
Leland, R.P. An approximate-predictor approach to reduced-order models and controllers for distributed-parameter systems; *T-AC Mar 99* 623-627
Lemmon, M.D., and A.N. Michel. Guest editorial: Special section on neural networks in control, identification, and decision making [intro.]; *T-AC Nov 99* 1993-1994
Leonard, F. First-order optimal reduced-delay sample-data holds; *T-AC Jul 99* 1446-1449
Lepschy, A., see Ferrante, A., *T-AC Jun 99* 1306-1309
Leung Lai Tze, see Tze Leung Lai, *T-AC May 99* 952-966
Levine, J., see Fliess, M., *T-AC May 99* 922-937
Le Yi Wang, see Lin Lin, *T-AC Oct 99* 1814-1828
Liang-Liang Xie, and Lei Guo. Fundamental limitations of discrete-time adaptive nonlinear control; *T-AC Sep 99* 1777-1782
Liang Wang Jian, see Chong Lin, *T-AC Sep 99* 1768-1773
Lihua Xie, Wei-Yong Yan, and Yeng Chai Soh. Parametrization and optimization of reduced-order filters; *T-AC Feb 99* 418-422
Lihua Xie, see Weizhou Su, *T-AC May 99* 989-993
Lihua Xie, see Huanshui Zhang, *T-AC Nov 99* 2154-2158
Lim, A.E.B., and Xun Yu Zhou. Stochastic optimal LQR control with integral quadratic constraints and indefinite control weights; *T-AC Jul 99* 1359-1369
Lim, K.W., see Ling, K.V., *T-AC Sep 99* 1750-1753
Lin, J.L., and S.J. Chen. Robustness analysis of uncertain linear singular systems with output feedback control; *T-AC Oct 99* 1924-1929
Lin, W.-W., see Lu, L.-Z., *T-AC Jun 99* 1216-1220
Lin Chong, see Chong Lin, *T-AC Sep 99* 1768-1773
Lin Chun-Liang, see Ching-Yei Chung, S., *T-AC Mar 99* 563-568
Lindquist, A., and V.A. Yakubovich. Universal regulators for optimal tracking in discrete-time systems affected by harmonic disturbances; *T-AC Sep 99* 1688-1704
Lin Feng, see Yonghua Li, *T-AC Oct 99* 1971-1975
Ling, K.V., and K.W. Lim. Receding horizon recursive state estimation; *T-AC Sep 99* 1750-1753
Lin Jung-Shan, see Jung-Shan Lin, *T-AC Jan 99* 89-94
Lin Lin, see Lin Lin, *T-AC Oct 99* 1814-1828

- Lin Lin**, Le Yi Wang, and G. Zames. Time complexity and model complexity of fast identification of continuous-time LTI systems; *T-AC Oct 99* 1814-1828
- Lin Zheng Hui**, see Yonghua Li, *T-AC Oct 99* 1971-1975
- Lin Zhiping**, see Zhiping Lin, *T-AC Oct 99* 1950-1955
- Lipset, R.**, R.P. Van Til, and S. Sengupta. Steady-state performance analysis of serial transfer lines subject to machine and buffer failure; *T-AC Feb 99* 319-325
- Liqian Zhang**, J. Lam, and Qingling Zhang. Lyapunov and Riccati equations of discrete-time descriptor systems; *T-AC Nov 99* 2134-2139
- Li Qin**, and Tongwen Chen. Multirate sampled-data systems: all H_∞ suboptimal controllers and the minimum entropy controller; *T-AC Mar 99* 537-550
- Li Tzoo-Hseng S.**, see Tzoo-Hseng S. Li, *T-AC Oct 99* 1934-1938
- Liu, W.Q.**, see Diab, M., *T-AC Jan 99* 139-144
- Liu, W.Q.**, see Wang, G., *T-AC Sep 99* 1734-1737
- Liu Hsu**, R. Ortega, and G. Damm. A globally convergent frequency estimator; *T-AC Apr 99* 698-713
- Liu Ming**, see Ming Liu, *T-AC Feb 99* 357-363
- Liu Xiaoping**, see Xiaoping Liu, *T-AC May 99* 1016-1021
- Liu Zikuan**, see Zikuan Liu, *T-AC Apr 99* 872-875
- Li Yonghua**, see Yonghua Li, *T-AC Oct 99* 1971-1975
- Ljung, L.**, and U. Forssell. An alternative motivation for the indirect approach to closed-loop identification; *T-AC Nov 99* 2206-2209
- Logemann, H.**, E.P. Ryan, and S. Townley. Integral control of linear systems with actuator nonlinearities: lower bounds for the maximal regulating gain; *T-AC Jun 99* 1315-1319
- Loh Ai-Poh**, see Ai-Poh Loh, *T-AC Sep 99* 1634-1652
- Loo Hay Lee**, Tak Wing Edward Lau, and Yu Chi Ho. Explanation of goal softening in ordinal optimization; *T-AC Jan 99* 94-99
- Loria, A.**, and E. Panteley. Force/motion control of constrained manipulators without velocity measurements; *T-AC Jul 99* 1407-1412
- Loubaton, P.**, see Desbouvries, F., *T-AC May 99* 1078-1081
- Lozano, R.**, see Dimogianopoulos, D., *T-AC Dec 99* 2308-2312
- Lozano, R.**, J. Collado, and A. Herrera. Semiglobal stabilization of continuous-time systems with bounded inputs; *T-AC Dec 99* 2318-2320
- Lu, L.-Z.**, W.-W. Lin, and C.E.M. Pearce. An efficient algorithm for the discrete-time algebraic Riccati equation; *T-AC Jun 99* 1216-1220
- Lu, W.W.**, G.J. Balas, and E.B. Lee. A variational approach to H^∞ control with transients; *T-AC Oct 99* 1875-1879
- Lu Hao**, see Hao Lu, *T-AC Jun 99* 1309-1310
- Lynch, K.M.** Controllability of a planar body with unilateral thrusters; *T-AC Jun 99* 1206-1211

M

- Ma Dye-Jyun**, see Dye-Jyun Ma, *T-AC Aug 99* 1583-1587
- Mahmoud, M.S.**, and M. Zribi. Comments on "Stabilization and estimation for perturbed discrete time-delay large scale systems"; *T-AC Aug 99* 1632
- Mairesse, J.**, see Gaubert, S., *T-AC Apr 99* 683-697
- Maitelli, A.L.**, and T. Yoneyama. A multistage suboptimal dual controller using optimal predictors; *T-AC May 99* 1002-1008
- Makowski, A.M.**, see Dye-Jyun Ma, *T-AC Aug 99* 1583-1587
- Malabre, M.**, see Estrada, M.B., *T-AC Jun 99* 1311-1315
- Malladi, D.P.**, and J.L. Speyer. A generalized Shiryaev sequential probability ratio test for change detection and isolation; *T-AC Aug 99* 1522-1534
- Mandl, P.**, see Duncan, T.E., *T-AC Nov 99* 2120-2125
- Marchesin, D.**, see Tippet, M.K., *T-AC Jan 99* 214-218
- Marcus, S.I.**, see Garg, V.K., *T-AC Feb 99* 280-293
- Marcus, S.I.**, see Hernandez-Hernandez, D., *T-AC May 99* 1093-1100
- Mareels, I.**, see Zhong-Ping Jiang, *T-AC Apr 99* 807-812
- Mareels, I.M.Y.**, see Nescic, D., *T-AC Apr 99* 761-764
- Mareels, I.M.Y.**, see Nescic, D., *T-AC Apr 99* 868-872
- Mareels, I.M.Y.**, see Bastin, G., *T-AC Jun 99* 1262-1266
- Mareels, I.M.Y.**, see Weyer, E., *T-AC Jul 99* 1370-1383
- Marinescu, B.**, see Bourles, H., *T-AC Oct 99* 1981-1985
- Marino, R.**, and P. Tomei. Nonlinear output feedback tracking with almost disturbance decoupling; *T-AC Jan 99* 18-28
- Marino, R.**, S. Peresada, and P. Tomei. Global adaptive output feedback control of induction motors with uncertain rotor resistance; *T-AC May 99* 967-983
- Marino, R.**, and P. Tomei. An adaptive output feedback control for a class of nonlinear systems with time-varying parameters; *T-AC Nov 99* 2190-2194
- Maroni, M.**, see Bolzern, P., *T-AC Aug 99* 1564-1568
- Maroulas, J.**, see Huang, C.-H., *T-AC Mar 99* 569-573
- Martin, C.**, see Hu, X., *T-AC Jun 99* 1303-1305
- Martin, C.F.**, see Dayawansa, W.P., *T-AC Apr 99* 751-760
- Martin, P.**, see Fliess, M., *T-AC May 99* 922-937
- Masahiro Tanaka**, see Shuning Wang, *T-AC Jun 99* 1282-1286
- Matausek, M.R.**, and A.D. Micic. On the modified Smith predictor for controlling a process with an integrator and long dead-time; *T-AC Aug 99* 1603-1606
- Matsumoto, K.**, see Hayakawa, K., *T-AC Feb 99* 392-396
- Mavelli, G.**, see Carravetta, F., *T-AC Jun 99* 1287-1292
- Mayne, D.Q.**, see Scokaert, P.O.M., *T-AC Mar 99* 648-654
- Mayne, D.Q.**, see Serua, M.M., *T-AC Apr 99* 829-833
- Mazenc, F.**, R. Sepulchre, and M. Jankovic. Lyapunov functions for stable cascades and applications to global stabilization; *T-AC Sep 99* 1795-1800
- Mazumdar, R.R.**, and A. Bagchi. A representation result for nonlinear filter maps in a white noise framework; *T-AC Jan 99* 124-129
- Mboup, M.**, see Regalia, P.A., *T-AC May 99* 994-998
- Mcclamroch, N.H.**, see Reyhanoglu, M., *T-AC Sep 99* 1663-1671
- Meerkov, S.M.**, see Davison, D.E., *T-AC Jun 99* 1132-1144
- Meerkov, S.M.**, see Davison, D.E., *T-AC Aug 99* 1556-1559
- Megretski, A.**, see Blanchini, F., *T-AC Apr 99* 802-807
- Meyn, S.P.**, see Ravikanth, R., *T-AC Apr 99* 670-682
- Mezic, I.**, see D'Alessandro, D., *T-AC Oct 99* 1852-1863
- Miani, S.**, see Blanchini, F., *T-AC Mar 99* 641-647
- Michel, A.N.**, see Bo Hu, *T-AC Apr 99* 765-770
- Michel, A.N.**, see Lemmon, M.D., *T-AC Nov 99* 1993-1994
- Micic, A.D.**, see Matausek, M.R., *T-AC Aug 99* 1603-1606
- Ming Liu** Decentralized control of robot manipulators: nonlinear and adaptive approaches; *T-AC Feb 99* 357-363
- Min-Jea Tahik**, see Kwanghee Nam, *T-AC Mar 99* 603-608

- Min-Shin Chen**, and Yong-Zhi Chen. Static output feedback control for periodically time-varying systems; *T-AC Jan 99* 218-222
- Min-Shin Chen**, and Jia-Yush Yen. Application of the least squares algorithm to the observer design for linear time-varying systems; *T-AC Sep 99* 1742-1745
- Mirkin, L.**, and Z.J. Palmor. A new representation of the parameters of lifted systems; *T-AC Apr 99* 833-840
- Miyake, Y.**, see Hagiwara, T., *T-AC Aug 99* 1573-1577
- Molchanov, A.P.**, and P.H. Bauer. Robust stability of linear time-varying delta-operator formulated discrete-time systems; *T-AC Feb 99* 325-327
- Monaco, S.**, see Barbot, J.P., *T-AC Sep 99* 1729-1733
- Mongiovi, M.F.**, see Bittanti, S., *T-AC Jan 99* 222-227
- Monov, V.V.** On the spectrum of convex sets of matrices; *T-AC May 99* 1009-1012
- Moog, C.H.**, see Xia, X., *T-AC Jul 99* 1425-1429
- Moore, J.B.**, see Dey, S., *T-AC Jun 99* 1234-1239
- Morris, K.A.** Justification of input-output methods for systems with unbounded control and observation; *T-AC Jan 99* 81-85
- Morse, A.S.**, see Borrelli, D., *T-AC Jan 99* 178-181
- Mosca, E.**, see Borrelli, D., *T-AC Jan 99* 178-181
- Mosca, E.**, see Angeli, D., *T-AC Apr 99* 816-820
- Mosca, E.**, see Casavola, A., *T-AC Nov 99* 2226-2230
- Muller, P.C.**, see Hou, M., *T-AC Jan 99* 158-163
- Muller, P.C.**, see Hou, M., *T-AC Jan 99* 164-169
- Muller, P.C.**, see Hou, M., *T-AC Feb 99* 382-386
- Muramatsu, E.**, M. Ikeda, and N. Hoshii. An interpolated controller for stabilization of a plant with variable operating conditions; *T-AC Jan 99* 76-81

N

- Nam Kwanghee**, see Kwanghee Nam, *T-AC Mar 99* 603-608
- Nam Kwanghee**, see Kwanghee Nam, *T-AC May 99* 1026-1031
- Nananukul, S.**, and Wei-Bo Gong. Rational interpolation for stochastic DESs: convergence issues; *T-AC May 99* 1070-1073
- Narendra, K.S.**, see Cabrera, J.B.D., *T-AC Nov 99* 2007-2027
- Nesic, D.**, and I.M.Y. Mareels. Controllability of structured polynomial systems; *T-AC Apr 99* 761-764
- Nesic, D.**, E. Skafidas, I.M.Y. Mareels, and R.J. Evans. Minimum phase properties for input nonaffine nonlinear systems; *T-AC Apr 99* 868-872
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- Nguyen, T.**, and F. Jabbari. Disturbance attenuation for systems with input saturation: An LMI approach; *T-AC Apr 99* 852-857
- Nijmeijer, H.**, see Zhong-Ping Jiang, *T-AC Feb 99* 265-279
- Nikoukhan, R.**, S.L. Campbell, and F. Delebecque. Kalman filtering for general discrete-time linear systems; *T-AC Oct 99* 1829-1839
- Ninness, B.**, H. Hjalmarsson, and F. Gustafsson. The fundamental role of general orthonormal bases in system identification; *T-AC Jul 99* 1384-1406
- Nistri, P.**, see Cavallo, A., *T-AC Aug 99* 1569-1572
- Nordso, A.E.**, see Wigren, T., *T-AC Oct 99* 1913-1918
- Normand-Cyrot, D.**, see Barbot, J.P., *T-AC Sep 99* 1729-1733
- Normey-Rico, J.E.**, and E.F. Camacho. Robust tuning of dead-time compensators for processes with an integrator and long dead-time; *T-AC Aug 99* 1597-1603

O

- Ooba, T.**, and Y. Funahashi. Comments on "Robust stability of linear systems with delayed perturbations" [and reply]; *T-AC Aug 99* 1582-1583
- Ortega, R.**, see Liu Hsu, *T-AC Apr 99* 698-713
- Otsuka, N.**, see Shiomi, K., *T-AC Aug 99* 1615-1620
- Otsuka, N.** Generalized (C, A, B)-pairs and parameter insensitive disturbance-rejection problems with dynamic compensator; *T-AC Nov 99* 2195-2200
- Oucheriah, S.** Robust tracking and model following of uncertain dynamic delay systems by memoryless linear controllers; *T-AC Jul 99* 1473-1477
- Outib, R.**, and J.C. Vivalda. On feedback stabilization of smooth nonlinear systems; *T-AC Jan 99* 200-202
- Ozbay, H.**, see Zeren, M., *T-AC Feb 99* 431-435
- Ozbek, L.**, see Aliev, F.A., *T-AC Oct 99* 1905-1909
- Ozcelik, S.** Robust and Optimal Control (Zhou, K., et al.; 1995) [book review]; *T-AC Mar 99* 664-665

P

- Packard, A.**, see Smith, R., *T-AC Oct 99* 1900-1901
- Paganini, F.** Frequency domain conditions for robust H_2 performance; *T-AC Jan 99* 38-49
- Paganini, F.** Convex methods for robust H_2 analysis of continuous-time systems; *T-AC Feb 99* 239-252
- Paganini, F.**, see Giusto, A., *T-AC Aug 99* 1578-1582
- Palmor, Z.J.**, see Mirkin, L., *T-AC Apr 99* 833-840
- Panrilo, P.A.**, R.S. Sanchez Pena, and M. Szafer. A parametric extension of mixed time/frequency robust identification; *T-AC Feb 99* 364-369
- Parisini, T.**, see Alessandri, A., *T-AC Nov 99* 2028-2042
- Park Chan Gook**, see Dohyoung Chung, *T-AC Oct 99* 1919-1923
- Park PooGyeon**, see PooGyeon Park, *T-AC Apr 99* 876-877
- Park PooGyeon**, see Wook Hyun Kwon, *T-AC Sep 99* 1787-1791
- Park PooGyeon**, see Wook Hyun Kwon, *T-AC Nov 99* 2115-2120
- Partington, J.R.**, see Bonnet, C., *T-AC Aug 99* 1512-1521
- Pasik-Duncan, B.**, see Duncan, T.E., *T-AC Feb 99* 427-430
- Pasik-Duncan, B.**, see Chen, H.F., *T-AC Mar 99* 442-453
- Pasik-Duncan, B.**, see Duncan, T.E., *T-AC Sep 99* 1653-1662
- Pasik-Duncan, B.**, see Duncan, T.E., *T-AC Nov 99* 2120-2125
- Passino, K.M.**, see Burgess, K., *T-AC Mar 99* 573-578
- Passino, K.M.**, see Spooner, J.T., *T-AC Nov 99* 2050-2057
- Pearce, C.E.M.**, see Lu, L.-Z., *T-AC Jun 99* 1216-1220
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- Perdon, A.M., see Assan, J., *T-AC Aug 99* 1624-1628
- Peres, P.L.D., see Takahashi, R.H.C., *T-AC Nov 99* 2214-2218
- Peresada, S., see Marino, R., *T-AC May 99* 967-983
- Peters, M.A., and P.A. Iglesias. The relationship between minimum entropy control and risk-sensitive control for time-varying systems; *T-AC May 99* 1065-1069
- Petersen, I.R., see Savkin, A.V., *T-AC May 99* 1037-1041
- Pettersen, K.Y., and O. Egeland. Time-varying exponential stabilization of the position and attitude of an underactuated autonomous underwater vehicle; *T-AC Jan 99* 112-115
- Pierrot, P., see Darouach, M., *T-AC Sep 99* 1711-1713
- Pila, A.W., U. Shaked, and C.E. de Souza. H_∞ filtering for continuous-time linear systems with delay; *T-AC Jul 99* 1412-1417
- Pintelon, R., see Schoukens, J., *T-AC Feb 99* 343-347
- Pintelon, R., J. Schoukens, G. Vandersteen, and Y. Rolain. Identification of invariants of (over)parameterized models: finite sample results; *T-AC May 99* 1073-1077
- Ploix, S., S. Giuliani, and J. Ragot. A unifying approach of LTI discrete-time state observers by means of complementary matrices; *T-AC Feb 99* 422-426
- Podlubny, I. Fractional-order systems and PI^D -controllers; *T-AC Jan 99* 208-214
- Polyak, B.T., and M.E. Halpern. Robust stability and design of linear discrete-time SISO systems under l_1 uncertainties; *T-AC Nov 99* 2076-2080
- Polyakov, E.Yu., see Rosenwasser, Ye.N., *T-AC Apr 99* 883-886
- PooGyeon Park A delay-dependent stability criterion for systems with uncertain time-invariant delays; *T-AC Apr 99* 876-877
- PooGyeon Park, see Wook Hyun Kwon, *T-AC Sep 99* 1787-1791
- PooGyeon Park, see Wook Hyun Kwon, *T-AC Nov 99* 2115-2120
- Poor, H.V., see Elliott, R.J., *T-AC Oct 99* 1929-1933
- Popescu, D.C., and Z. Gajic. Singular perturbation analysis of cheap control problem for sampled data systems; *T-AC Nov 99* 2209-2214
- Posner, S.E., see Kulkarni, S.R., *T-AC Jan 99* 29-37
- Pugh, A.C., see Hou, M., *T-AC Feb 99* 382-386
- Pyung Soo Kim, see Wook Hyun Kwon, *T-AC Sep 99* 1787-1791
- Pyung Soo Kim, see Wook Hyun Kwon, *T-AC Nov 99* 2115-2120

Q

- Qian Jixin, see Chunhai Hou, *T-AC Feb 99* 334-336
- Qian-Yu Tang, and E.-K. Boukas. Adaptive control for manufacturing systems using infinitesimal perturbation analysis; *T-AC Sep 99* 1719-1725
- Qing-Guo Wang, Tong-Heng Lee, and Jian-Bo He. Internal stability of interconnected systems; *T-AC Mar 99* 593-596
- Qingling Zhang, see Lijian Zhang, *T-AC Nov 99* 2134-2139
- Qingsheng Zheng, and E. Zafiriou. A local form of small gain theorem and analysis of feedback Volterra systems; *T-AC Mar 99* 635-640
- Qin Li, see Li Qin, *T-AC Mar 99* 537-550

R

- Ragot, J., see Ploix, S., *T-AC Feb 99* 422-426
- Ramirez, J., see Canudas de Wit, C., *T-AC May 99* 1084-1089
- Ramirez, J., see Georges, D., *T-AC Jul 99* 1430-1435
- Rantzer, A., see Johansson, K.H., *T-AC Oct 99* 1909-1913
- Rantzer, A., see Andersson, L., *T-AC Nov 99* 2094-2098
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- Rasouliah, A., see Yau, S.S.T., *T-AC Dec 99* 2312-2318
- Ravikanth, R., and S.P. Meyn. Bounds on achievable performance in the identification and adaptive control of time-varying systems; *T-AC Apr 99* 670-682
- Rawlings, J.B., see Scaekaert, P.O.M., *T-AC Mar 99* 648-654
- Raz, S., see Rotstein, H., *T-AC Apr 99* 729-741
- Regalia, P.A., M. Mboup, and M. Ashari. Existence of stationary points for pseudo-linear regression identification algorithms; *T-AC May 99* 994-998
- Reif, K., F. Sonnemann, and R. Unbehauen. Nonlinear state observation using H_∞ -filtering Riccati design; *T-AC Jan 99* 203-208
- Reif, K., S. Gunther, E. Yaz, and R. Unbehauen. Stochastic stability of the discrete-time extended Kalman filter; *T-AC Apr 99* 714-728
- Ren Zhang, see Demin Xu, *T-AC Jul 99* 1435-1441
- Reyhanoğlu, M., A. van der Schaft, N.H. Meclamroch, and I. Kolmanovskiy. Dynamics and control of a class of underactuated mechanical systems; *T-AC Sep 99* 1663-1671
- Richard, E., see Darouach, M., *T-AC Sep 99* 1711-1713
- Richard, J.-P., see Kolmanovskii, V.B., *T-AC May 99* 984-989
- Rizzoni, G., see Dinca, L., *T-AC Nov 99* 2200-2205
- Rolain, Y., see Pintelon, R., *T-AC May 99* 1073-1077
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- Rotstein, H., and B. Shklyar. Optimal solution and approximation to the l_1/H_∞ control problem; *T-AC Jun 99* 1240-1243
- Rouchon, P., see Fliess, M., *T-AC May 99* 922-937
- Rovithakis, G.A. Robustifying nonlinear systems using high-order neural network controllers; *T-AC Jan 99* 102-108
- Rugh, W.J., see Stilwell, D.J., *T-AC Jun 99* 1225-1229
- Ryan, E.P., see Logemann, H., *T-AC Jun 99* 1315-1319

S

- S. Li Tzuiu-Hseng, see Tzuiu-Hseng S. Li, *T-AC Oct 99* 1934-1938
- Safonov, M.G., see Huang, C.-H., *T-AC Mar 99* 569-573
- Saif, M., see Busawon, K.K., *T-AC Nov 99* 2098-2103
- Sanchez Pena, R.S., see Panrilo, P.A., *T-AC Feb 99* 364-369
- Sauter, D., and F. Hamelin. Frequency-domain optimization for robust fault detection and isolation in dynamic systems; *T-AC Apr 99* 878-882
- Savkin, A.V., and I.R. Petersen. Weak robust controllability and observability of uncertain linear systems; *T-AC May 99* 1037-1041
- Sayed, A.H., see Boros, T., *T-AC Mar 99* 454-470
- Schipp, F., see Szabo, Z., *T-AC Jan 99* 153-158
- Schoukens, J., G. Vandersteen, R. Pintelon, and P. Guillaume. Frequency-domain identification of linear systems using arbitrary excitations and a nonparametric noise model; *T-AC Feb 99* 343-347
- Schoukens, J., see Pintelon, R., *T-AC May 99* 1073-1077
- Schoukens, J., see Vandersteen, G., *T-AC Jun 99* 1266-1271
- Schwartz, B., see Isidori, A., *T-AC Aug 99* 1535-1545
- Scaekaert, P.O.M., D.Q. Mayne, and J.B. Rawlings. Suboptimal model predictive control (feasibility implies stability); *T-AC Mar 99* 648-654
- Sebek, M., see Henrion, D., *T-AC Mar 99* 497-508
- Sengupta, S., see Lipset, R., *T-AC Feb 99* 319-325
- Seo, J.H., see Shim, H., *T-AC Mar 99* 587
- Sepulchre, R., see Mazenc, F., *T-AC Sep 99* 1795-1800
- Serua, M.M., J.H. Braslavsky, P.V. Kokotovic, and D.Q. Mayne. Feedback limitations in nonlinear systems: from Bode integrals to cheap control; *T-AC Apr 99* 829-833
- Setola, R., see Glielmo, L., *T-AC Aug 99* 1546-1549
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- Seung-Jean Kim, and In-Joong Ha. On the existence of Caratheodory solutions in mechanical systems with friction; *T-AC Nov 99* 2086-2089
- Shafai, B., see Wilson, B.H., *T-AC Mar 99* 551-555
- Shaked, U., see Pila, A.W., *T-AC Jul 99* 1412-1417
- Shamma, J.S., and Kuang-Yang Tu. Set-valued observers and optimal disturbance rejection; *T-AC Feb 99* 253-264
- Shan, J.Z., see Tze Leung Lai, *T-AC May 99* 952-966
- Shayman, M.A., and R. Kumar. Process objects/masked composition: an object-oriented approach for modeling and control of discrete-event systems; *T-AC Oct 99* 1864-1869
- Shen Sy-Kang, see Sy-Kang Shen, *T-AC Jan 99* 227-231
- Shenton, A.T., see Besson, V., *T-AC Jun 99* 1272-1276
- Shih-Feng Yang, see Chyi Hwang, *T-AC Sep 99* 1782-1787
- Shim, H., J. Byun, and J.H. Seo. Comments on "Observers for nonlinear systems in steady state"; *T-AC Mar 99* 587
- Shing Wong Wing, see Wing Shing Wong, *T-AC May 99* 1049-1053
- Shiomi, K., N. Otsuka, and H. Inaba. Robust disturbance-rejection problems for linear ω -periodic discrete-time systems; *T-AC Aug 99* 1615-1620
- Shi Peng, see Peng Shi, *T-AC Jan 99* 108-111
- Shi Peng, see Peng Shi, *T-AC Aug 99* 1592-1597
- Shi Peng, see Peng Shi, *T-AC Sep 99* 1738-1742
- Shi Peng, see Peng Shi, *T-AC Nov 99* 2139-2144
- Shklyar, B., see Rotstein, H., *T-AC Jun 99* 1240-1243
- Shor, M.H., see Alpay, M.E., *T-AC May 99* 1089-1093
- Shoudong Huang, J. Lam, Guang-Hong Yang, and Siying Zhang. Fault tolerant decentralized H_∞ control for symmetric composite systems; *T-AC Nov 99* 2108-2114
- Shue Shyh-Pyng, see Peng Shi, *T-AC Jan 99* 108-111
- Shumin Fei, see Chun-Bo Feng, *T-AC May 99* 998-1002
- Shuning Wang, Jianshe Dai, and Masahiro Tanaka. A parametric approach for l_1 robust identification; *T-AC Jun 99* 1282-1286
- Shwartz, A., see Feinberg, E.A., *T-AC Mar 99* 628-631
- Shyh-Pyng Shue, see Peng Shi, *T-AC Jan 99* 108-111
- Siciliano, B., see Caccavale, F., *T-AC Oct 99* 1943-1946
- Siljak, D.D., see Zecevic, A.I., *T-AC Mar 99* 612-618
- Silveira, H.M. A stability theorem for identification and adaptive control; *T-AC Oct 99* 1947-1950
- Siying Zhang, see Shoudong Huang, *T-AC Nov 99* 2108-2114
- Skafidas, E., see Nescic, D., *T-AC Apr 99* 868-872
- Skantze, F.P., see Ai-Poh Loh, *T-AC Sep 99* 1634-1652
- Smith, R., and A. Packard. Correction to "Optimal control of perturbed linear static systems"; *T-AC Oct 99* 1900-1901
- Soh, C.B., see Wang, D., *T-AC Jan 99* 148-152
- Soh, C.B., see Guang-Hong Yang, *T-AC Mar 99* 578-583
- Soh, C.B., see Chong Lin, *T-AC Sep 99* 1768-1773
- Soh Yeng Chai, see Lihua Xie, *T-AC Feb 99* 418-422
- Soh Yeng Chai, see Changyun Wen, *T-AC Jul 99* 1464-1469
- Soh Yeng Chai, see Huanshui Zhang, *T-AC Nov 99* 2154-2158
- Song Dong-Ping, see Dong-Ping Song, *T-AC Mar 99* 619-622
- Song Wen-Zhong, see Xin-Zhen Yu, *T-AC Feb 99* 379-382
- Sonnemann, F., see Reif, K., *T-AC Jan 99* 203-208
- Soo Kim Pyung, see Wook Hyun Kwon, *T-AC Sep 99* 1787-1791
- Soo Kim Pyung, see Wook Hyun Kwon, *T-AC Nov 99* 2115-2120
- Soykens, J.A.K., J. Vandewalle, and B. De Moor. Lur'e systems with multilayer perceptron and recurrent neural networks: absolute stability and dissipativity; *T-AC Apr 99* 770-774
- Speyer, J.L., see Malladi, D.P., *T-AC Aug 99* 1522-1534
- Spooner, J.T., and K.M. Passino. Decentralized adaptive control of nonlinear systems using radial basis neural networks; *T-AC Nov 99* 2050-2057
- Sreedhar, J., and P. Van Dooren. Periodic descriptor systems: solvability and conditionability; *T-AC Feb 99* 310-313
- Sreenivas, R.S. On supervisory policies that enforce liveness in a class of completely controlled Petri nets obtained via refinement; *T-AC Jan 99* 173-177
- Sreenivas, R.S. On supervisory policies that enforce liveness in completely controlled Petri nets with directed cut-places and cut-transitions; *T-AC Jun 99* 1221-1225
- Sreeram, V., see Diab, M., *T-AC Jan 99* 139-144
- Sreeram, V., see Wang, G., *T-AC Sep 99* 1734-1737
- Stepanenko, Y., see Chun-Yi Su, *T-AC Nov 99* 2090-2093

- Stilwell, D.J.**, and W.J. Rugh. Interpolation of observer state feedback controllers for gain scheduling; *T-AC Jun 99* 1225-1229
- Stotsky, A.A.**, see Bartolini, G., *T-AC Apr 99* 789-793
- Streltsov, S.**, see Castanon, D., *T-AC Jan 99* 145-148
- Suarez, R.**, see Garcia, G., *T-AC Jun 99* 1254-1258
- Su Chun-Yi**, see Chun-Yi Su, *T-AC Nov 99* 2090-2093
- Sun, M.**, see Chen, Y., *T-AC Feb 99* 371-376
- Sun You-Xian**, see Dong-Ping Song, *T-AC Mar 99* 619-622
- Sun You-Xian**, see Yong-Yan Cao, *T-AC Jun 99* 1277-1282
- Sureshbabu, N.**, and J.A. Farrell. Wavelet-based system identification for nonlinear control; *T-AC Feb 99* 412-417
- Su Weizhou**, see Weizhou Su, *T-AC May 99* 989-993
- Suzuki, Y.**, see Hayakawa, K., *T-AC Feb 99* 392-396
- Sy-Kang Shen**, Bor-Chyun Wang, and Tsu-Tian Lee. An improved algorithm for computing the boundary of parametric rational functions; *T-AC Jan 99* 227-231
- Szabo, Z.**, J. Bokor, and F. Schipp. Identification of rational approximate models in H^∞ using generalized orthonormal basis; *T-AC Jan 99* 153-158
- Sznaier, M.**, see Panrilo, P.A., *T-AC Feb 99* 364-369

T

- Tadmor, G.**, see Arambel, P.O., *T-AC Apr 99* 858-863
- Tahik Min-Jea**, see Kwanghee Nam, *T-AC Mar 99* 603-608
- Takahashi, R.H.C.**, and P.L.D. Peres. H_2 guaranteed cost-switching surface design for sliding modes with nonmatching disturbances; *T-AC Nov 99* 2214-2218
- Takai, S.** Minimizing the set of local supervisors in fully decentralized supervision; *T-AC Jul 99* 1441-1444
- Tak Wing Edward Lau**, see Loo Hay Lee, *T-AC Jan 99* 94-99
- Tanaka Masahiro**, see Shuning Wang, *T-AC Jun 99* 1282-1286
- Tang Qian-Yu**, see Qian-Yu Tang, *T-AC Sep 99* 1719-1725
- Tanizaki, H.** On the nonlinear and nonnormal filter using rejection sampling; *T-AC Feb 99* 314-319
- Tannenbaum, A.**, see Berg, J., *T-AC Jan 99* 99-102
- Tao, G.** A robust adaptive law for 1^{st} modeling errors; *T-AC Jan 99* 186-190
- Tao Yang** Impulsive control; *T-AC May 99* 1081-1083
- Tao Zhu**, see Jiayi-Xin Xu, *T-AC Oct 99* 1884-1888
- Tarbouriech, S.**, see Garcia, G., *T-AC Jun 99* 1254-1258
- Tarbouriech, S.**, see da Silva, J.M.G., Jr., *T-AC Nov 99* 2081-2085
- Tarbouriech, S.**, see Henrion, D., *T-AC Nov 99* 2230-2237
- Tarn, T.J.**, see Isidori, A., *T-AC Aug 99* 1535-1545
- Teel, A.R.** Asymptotic convergence from L_p stability; *T-AC Nov 99* 2169-2170
- Tempo, R.**, see Bai, E.-W., *T-AC Jun 99* 1107-1117
- Tempo, R.**, see Willems, J.C., *T-AC Nov 99* 2218-2220
- Tingshu Hu**, and J. Lam. Improvement of parametric stability margin under pole assignment; *T-AC Oct 99* 1938-1942
- Tippett, M.K.**, and D. Marchesin. Bounds for solutions of the discrete algebraic Lyapunov equation; *T-AC Jan 99* 214-218
- Tits, A.L.**, V. Balakrishnan, and L. Lee. Robustness under bounded uncertainty with phase information; *T-AC Jan 99* 50-65
- Tits, A.L.**, see Yung-Shan Chou, *T-AC May 99* 906-913
- Tomei, P.**, see Marino, R., *T-AC Jan 99* 18-28
- Tomei, P.** Robust adaptive control of robots with arbitrary transient performance and disturbance attenuation; *T-AC Mar 99* 654-658
- Tomei, P.**, see Marino, R., *T-AC May 99* 967-983
- Tomei, P.**, see Marino, R., *T-AC Nov 99* 2190-2194
- Tong-Heng Lee**, see Qing-Guo Wang, *T-AC Mar 99* 593-596
- Tongwen Chen**, see Li Qin, *T-AC Mar 99* 537-550
- Tornambe, A.** Modeling and control of impact in mechanical systems: theory and experimental results; *T-AC Feb 99* 294-309
- Tornambe, A.**, see Indri, M., *T-AC Jun 99* 1297-1303
- Townley, S.**, see Logemann, H., *T-AC Jun 99* 1315-1319
- Townley, S.**, see Ichmann, A., *T-AC Oct 99* 1961-1966
- Townley, S.** An example of a globally stabilizing adaptive controller with a generically destabilizing parameter estimate; *T-AC Nov 99* 2238-2241
- Treccate, G.F.**, see De Nicolao, G., *T-AC Nov 99* 2045-2049
- Trentelman, H.L.**, and J.C. Willems. H_∞ control in a behavioral context: the full information case; *T-AC Mar 99* 521-536
- Trofino, A.**, see Crusius, C.A.R., *T-AC May 99* 1053-1057
- Tsintias, J.**, and I. Karafyllis. ISS property for time-varying systems and application to partial-static feedback stabilization and asymptotic tracking; *T-AC Nov 99* 2179-2184
- Tsiotras, P.**, see Krstic, M., *T-AC May 99* 1042-1049
- Tsitsiklis, J.N.**, and B. van Roy. Optimal stopping of Markov processes: Hilbert space theory, approximation algorithms, and an application to pricing high-dimensional financial derivatives; *T-AC Oct 99* 1840-1851
- Tsui Chia-Chi**, see Chia-Chi Tsui, *T-AC Mar 99* 560-563
- Tsu-Tian Lee**, see Sy-Kang Shen, *T-AC Jan 99* 227-231
- Tu Fengsheng**, see Zikuan Liu, *T-AC Apr 99* 872-875
- Tu Kuang-Yang**, see Shamma, J.S., *T-AC Feb 99* 253-264
- Tze Leung Lai**, and J.Z. Shan. Efficient recursive algorithms for detection of abrupt changes in signals and control systems; *T-AC May 99* 952-966
- Tzoo-Hseng S. Li**, Juung-Shian Chiou, and Fan-Chu Kung. Stability bounds of singularly perturbed discrete systems; *T-AC Oct 99* 1934-1938

U

- Unbehauen, H.**, see Zidong Wang, *T-AC May 99* 1061-1065
- Unbehauen, H.**, see Zidong Wang, *T-AC Oct 99* 1889-1893
- Unbehauen, R.**, see Reif, K., *T-AC Jan 99* 203-208
- Unbehauen, R.**, see Reif, K., *T-AC Apr 99* 714-728

V

- Vakili, P.**, see Castanon, D., *T-AC Jan 99* 145-148
- Valcher, M.E.** State observers for discrete-time linear systems with unknown inputs; *T-AC Feb 99* 397-401
- Valcher, M.E.**, see Fornasini, E., *T-AC Jun 99* 1197-1202
- Valcher, M.E.**, and J.C. Willems. Observer synthesis in the behavioral approach; *T-AC Dec 99* 2207-2307

- van der Schaft, A.**, see Reyhanoglu, M., *T-AC Sep 99* 1663-1671
- Vandersteen, G.**, see Schoukens, J., *T-AC Feb 99* 343-347
- Vandersteen, G.**, see Pintelon, R., *T-AC May 99* 1073-1077
- Vandersteen, G.**, and J. Schoukens. Measurement and identification of nonlinear systems consisting of linear dynamic blocks and one static nonlinearity; *T-AC Jun 99* 1266-1271
- Vandewalle, J.**, see Soykens, J.A.K., *T-AC Apr 99* 770-774
- Van Dooren, P.**, see Sreedhar, J., *T-AC Feb 99* 310-313
- Van Overschee, P.**, see Favoreel, W., *T-AC Jun 99* 1157-1165
- van Roy, B.**, see Tsitsiklis, J.N., *T-AC Oct 99* 1840-1851
- Van Til, R.P.**, see Lipset, R., *T-AC Feb 99* 319-325
- Vasca, F.**, see Glielmo, L., *T-AC Aug 99* 1546-1549
- Veatch, M.H.**, and M.C. Caramanis. Optimal manufacturing flow controllers: zero-inventory policies and control switching sets; *T-AC May 99* 914-921
- Veatch, M.H.**, and M.C. Caramanis. Optimal average cost manufacturing flow controllers: convexity and differentiability; *T-AC Apr 99* 779-783
- Viaro, U.**, see Ferrante, A., *T-AC Jun 99* 1306-1309
- Villani, L.**, C.C. De Wit, and B. Brogliato. An exponentially stable adaptive control for force and position tracking of robot manipulators; *T-AC Apr 99* 798-802
- Villani, L.**, see Caccavale, F., *T-AC Oct 99* 1943-1946
- Vincent, T.L.**, and P.P. Khargonekar. A class of nonlinear filtering problems arising from drifting sensor gains; *T-AC Mar 99* 509-520
- Vivalda, J.C.**, see Outbib, R., *T-AC Jan 99* 200-202
- Voros, J.** Iterative algorithm for parameter identification of Hammerstein systems with two-segment nonlinearities; *T-AC Nov 99* 2145-2149

W

- Wahlberg, B.**, see Carlemalm, C., *T-AC May 99* 1031-1037
- Wang, D.**, and C.B. Soh. On regularizing singular systems by decentralized output feedback; *T-AC Jan 99* 148-152
- Wang, F.**, see Balakrishnan, V., *T-AC Nov 99* 2185-2190
- Wang, G.**, V. Sreeram, and W.Q. Liu. A new frequency-weighted balanced truncation method and an error bound; *T-AC Sep 99* 1734-1737
- Wang Bor-Chyun**, see Sy-Kang Shen, *T-AC Jan 99* 227-231
- Wang Chi-Jo**, see Chi-Jo Wang, *T-AC Oct 99* 1901-1905
- Wang Hong**, see Hong Wang, *T-AC Nov 99* 2103-2107
- Wang Jianliang**, see Guang-Hong Yang, *T-AC Mar 99* 578-583
- Wang Jian Liang**, see Chong Lin, *T-AC Sep 99* 1768-1773
- Wang Le Yi**, see Lin Lin, *T-AC Oct 99* 1814-1828
- Wang Qing-Guo**, see Qing-Guo Wang, *T-AC Mar 99* 593-596
- Wang Shuning**, see Shuning Wang, *T-AC Jun 99* 1282-1286
- Wang Zidong**, see Zidong Wang, *T-AC May 99* 1061-1065
- Wang Zidong**, see Zidong Wang, *T-AC Oct 99* 1889-1893
- Wei-Bo Gong**, see Nananukul, S., *T-AC May 99* 1070-1073
- Wei Chen**, see Chen Wei, *T-AC Sep 99* 1725-1729
- Wei-Yong Yan**, see Lihua Xie, *T-AC Feb 99* 418-422
- Wei-Yong Yan**, and J. Lam. An approximate approach to H^2 optimal model reduction; *T-AC Jul 99* 1341-1358
- Weizhou Su**, C.E. de Souza, and Lihua Xie. H_∞ control for asymptotically stable nonlinear systems; *T-AC May 99* 989-993
- Weller, S.R.** Limiting zeros of decouplable MIMO systems; *T-AC Jan 99* 129-134
- Wen, C.**, see Chen, Y., *T-AC Feb 99* 371-376
- Wen Changyong**, see Changyong Wen, *T-AC Jul 99* 1464-1469
- Wen-Zhong Song**, see Xin-Zhen Yu, *T-AC Feb 99* 379-382
- Westphal, L.C.** Lessons from an example in "On the stability of discrete-time sliding mode control systems"; *T-AC Jul 99* 1444-1445
- Weyer, E.**, R.C. Williamson, and I.M.Y. Mareels. Finite sample properties of linear model identification; *T-AC Jul 99* 1370-1383
- White, A.L.** Two matrix norm conditions for asymptotic stability in the presence of controller disturbances; *T-AC Jan 99* 169-172
- Wigren, T.**, see Carlemalm, C., *T-AC May 99* 1031-1037
- Wigren, T.**, and A.E. Nordsjo. Compensation of the RLS algorithm for output nonlinearities; *T-AC Oct 99* 1913-1918
- Willems, J.C.**, see Trentelman, H.L., *T-AC Mar 99* 521-536
- Willems, J.C.**, and R. Tempo. The Kharitonov theorem with degree drop; *T-AC Nov 99* 2218-2220
- Willems, J.C.**, see Valcher, M.E., *T-AC Dec 99* 2207-2307
- Williams, T.**, and Xiao Cheng. Degrees of controllability and observability for close modes of flexible space structures; *T-AC Sep 99* 1791-1795
- Williamson, R.C.**, see Weyer, E., *T-AC Jul 99* 1370-1383
- Wilson, B.H.**, B. Eryilmaz, and B. Shafai. An adaptive angular sweep algorithm for value set construction; *T-AC Mar 99* 551-555
- Wing Edward Lau Tak**, see Loo Hay Lee, *T-AC Jan 99* 94-99
- Wing Shing Wong**, and R.W. Brockett. Systems with finite communication bandwidth constraints. II. Stabilization with limited information feedback; *T-AC May 99* 1049-1053
- Wong Wing Shing**, see Wing Shing Wong, *T-AC May 99* 1049-1053
- Wook Hyun Kwon**, Pyung Soo Kim, and PooGyeon Park. A receding horizon Kalman FIR filter for discrete time-invariant systems; *T-AC Sep 99* 1787-1791
- Wook Hyun Kwon**, Pyung Soo Kim, and PooGyeon Park. A receding horizon Kalman FIR filter for linear continuous-time systems; *T-AC Nov 99* 2115-2120
- Wortman, M.A.**, see Ayhan, H., *T-AC Apr 99* 864-868
- Wu, J.**, see Chen, S., *T-AC Nov 99* 2149-2153
- Wu Jun**, see Jun Wu, *T-AC Oct 99* 1869-1874

X

- Xia, X.**, and C.H. Moog. Disturbance decoupling by measurement feedback for SISO nonlinear systems; *T-AC Jul 99* 1425-1429
- Xiao Cheng**, see Williams, T., *T-AC Sep 99* 1791-1795
- Xiaoping Liu** Input-output decoupling of linear time-varying singular systems; *T-AC May 99* 1016-1021
- Xie Liang-Liang**, see Liang-Liang Xie, *T-AC Sep 99* 1777-1782
- Xie Lihua**, see Lihua Xie, *T-AC Feb 99* 418-422
- Xie Lihua**, see Weizhou Su, *T-AC May 99* 989-993
- Xie Lihua**, see Huanshui Zhang, *T-AC Nov 99* 2154-2158
- Xing Lei**, see Datta, A., *T-AC Nov 99* 2130-2134
- Xinhan Huang**, see Hao Lu, *T-AC Jun 99* 1309-1310

Xin-Zhen Yu, and Wen-Zhong Song. Further properties of optimal hedging points in a class of manufacturing systems; *T-AC Feb 99* 379-382
Xu Demin, see Demin Xu, *T-AC Jul 99* 1435-1441
Xudong Ye, see Ye Xudong, *T-AC Nov 99* 2072-2076
Xudong Ye, see Ye Xudong, *T-AC Nov 99* 2174-2178
Xu Jiayi-Xin, see Jiayi-Xin Xu, *T-AC Oct 99* 1884-1888
Xun Yu Zhou, see Lim, A.E.B., *T-AC Jul 99* 1359-1369

Y

Yakubovich, V.A., see Lindquist, A., *T-AC Sep 99* 1688-1704
Yamashita, M., see Hayakawa, K., *T-AC Feb 99* 392-396
Yang Chi-Ming, see Chee-Fai Yung, *T-AC Nov 99* 2058-2062
Yang Guang-Hong, see Guang-Hong Yang, *T-AC Mar 99* 578-583
Yang Guang-Hong, see Shoudong Huang, *T-AC Nov 99* 2108-2114
Yang Shih-Feng, see Chyi Hwang, *T-AC Sep 99* 1782-1787
Yang Tao, see Tao Yang, *T-AC May 99* 1081-1083
Yan Guang-Hong, see Chong Lin, *T-AC Sep 99* 1768-1773
Yan Wei-Yong, see Lihua Xie, *T-AC Feb 99* 418-422
Yan Wei-Yong, see Wei-Yong Yan, *T-AC Jul 99* 1341-1358
Yao, D.D., and S. Zheng. Coordinated quality control in a two-stage system; *T-AC Jun 99* 1166-1179
Yau, S.S.T., and A. Rasoulian. Classification of four-dimensional estimation algebras; *T-AC Dec 99* 2312-2318
Yaz, E., see Reif, K., *T-AC Apr 99* 714-728
Yaz, E.E., see Yaz, Y.I., *T-AC Apr 99* 813-816
Yaz, Y.I., and E.E. Yaz. On LMI formulations of some problems arising in nonlinear stochastic system analysis; *T-AC Apr 99* 813-816
Ye, Y., see Bai, E.-W., *T-AC Jun 99* 1107-1117
Yedavalli, R.K., see Diwekar, A.M., *T-AC Feb 99* 401-405
Yedavalli, R.K., see Diwekar, A.M., *T-AC Sep 99* 1773-1777
Yeng Chai Soh, see Lihua Xie, *T-AC Feb 99* 418-422
Yeng Chai Soh, see Changyuan Wen, *T-AC Jul 99* 1464-1469
Yeng Chai Soh, see Huanshui Zhang, *T-AC Nov 99* 2154-2158
Yen Jia-Yush, see Min-Shin Chen, *T-AC Sep 99* 1742-1745
Ye Xudong Decentralized adaptive regulation with unknown high-frequency-gain signs; *T-AC Nov 99* 2072-2076
Ye Xudong Logic-based switching adaptive stabilization of feedforward nonlinear systems; *T-AC Nov 99* 2174-2178
Ye Yinyu, see Er-Wei Bai, *T-AC Jan 99* 182-186
Yezzi, A., see Berg, J., *T-AC Jan 99* 99-102
Yin, G.G., see Zhang, Q., *T-AC Dec 99* 2271-2282
Yinyu Ye, see Er-Wei Bai, *T-AC Jan 99* 182-186
Yi Wang Le, see Lin Lin, *T-AC Oct 99* 1814-1828
Yoneyama, T., see Maitelli, A.L., *T-AC May 99* 1002-1008
Yonghua Li, Feng Lin, and Zheng Hui Lin. Supervisory control of probabilistic discrete-event systems with recovery; *T-AC Oct 99* 1971-1975
Yong-Yan Cao, You-Xian Sun, and J. Lam. Simultaneous stabilization via static output feedback and state feedback; *T-AC Jun 99* 1277-1282
Yong-Zhi Chen, see Min-Shin Chen, *T-AC Jan 99* 218-222
Youping Zhang, and P.A. Ioannou. Robustness of nonlinear control systems with respect to unmodeled dynamics; *T-AC Jan 99* 119-124
You-Xian Sun, see Dong-Ping Song, *T-AC Mar 99* 619-622
You-Xian Sun, see Yong-Yan Cao, *T-AC Jun 99* 1277-1282
Yu Chi Ho, see Loo Hay Lee, *T-AC Jan 99* 94-99
Yu-Hong Zhou, and J.C. Allwright. The solution of an affine problem and its application in control; *T-AC Apr 99* 826-829
Yun-Chung Chu, and K. Glover. Bounds of the induced norm and model reduction errors for systems with repeated scalar nonlinearities; *T-AC Mar 99* 471-483
Yun-Chung Chu, and K. Glover. Stabilization and performance synthesis for systems with repeated scalar nonlinearities; *T-AC Mar 99* 484-496
Yung Chee-Fai, see Chee-Fai Yung, *T-AC Nov 99* 2058-2062
Yung-Shan Chou, A.L. Tits, and V. Balakrishnan. Stability multipliers and μ upper bounds: connections and implications for numerical verification of frequency domain conditions; *T-AC May 99* 906-913
Yusupov, R.M., see Rosenasser, E.N., *T-AC May 99* 1101-1103
Yu Xin-Zhen, see Xin-Zhen Yu, *T-AC Feb 99* 379-382
Yu Zhou Xun, see Lim, A.E.B., *T-AC Jul 99* 1359-1369

Z

Zafiriou, E., see Qingsheng Zheng, *T-AC Mar 99* 635-640
Zak, S.H., see Chong, E.K.P., *T-AC Nov 99* 1995-2006
Zames, G., see Lin Lin, *T-AC Oct 99* 1814-1828
Zeccevic, A.I., and D.D. Siljak. Parallel solutions of very large sparse Lyapunov equations by balanced BBD decompositions; *T-AC Mar 99* 612-618
Zeren, M., and H. Ozbay. On the synthesis of stable H^∞ controllers; *T-AC Feb 99* 431-435
Zhang, Q., see Duncan, T.E., *T-AC Feb 99* 427-430
Zhang, Q., and G.G. Yin. On nearly optimal controls of hybrid LQG problems; *T-AC Dec 99* 2271-2282
Zhang Cishen, see Cishen Zhang, *T-AC Aug 99* 1607-1611
Zhang Huanshui, see Huanshui Zhang, *T-AC Nov 99* 2154-2158
Zhang Jingxin, see Cishen Zhang, *T-AC Aug 99* 1607-1611
Zhang Liqian, see Liqian Zhang, *T-AC Nov 99* 2134-2139
Zhang Qingling, see Liqian Zhang, *T-AC Nov 99* 2134-2139
Zhang Ren, see Demin Xu, *T-AC Jul 99* 1435-1441
Zhang Siying, see Shoudong Huang, *T-AC Nov 99* 2108-2114
Zhang Youping, see Youping Zhang, *T-AC Jan 99* 119-124
Zheng, S., see Yao, D.D., *T-AC Jun 99* 1166-1179
Zheng Hui Lin, see Yonghua Li, *T-AC Oct 99* 1971-1975
Zheng Qingsheng, see Qingsheng Zheng, *T-AC Mar 99* 635-640
Zhiping Lin Feedback stabilization of MIMO 3-D linear systems; *T-AC Oct 99* 1950-1955
Zhong-Ping Jiang, and H. Nijmeijer. A recursive technique for tracking control of nonholonomic systems in chained form; *T-AC Feb 99* 265-279
Zhong-Ping Jiang, I. Mareels, and D. Hill. Robust control of uncertain nonlinear systems via measurement feedback; *T-AC Apr 99* 807-812
Zhong-Ping Jiang, and D.J. Hill. A robust adaptive backstepping scheme for nonlinear systems with unmodeled dynamics; *T-AC Sep 99* 1705-1711

Zhou Xun Yu, see Lim, A.E.B., *T-AC Jul 99* 1359-1369
Zhou Yu-Hong, see Yu-Hong Zhou, *T-AC Apr 99* 826-829
Zhu Tao, see Jiayi-Xin Xu, *T-AC Oct 99* 1884-1888
Zidong Wang, and H. Unbehauen. Robust H_2/H_∞ -state estimation for systems with error variance constraints: the continuous-time case; *T-AC May 99* 1061-1065
Zidong Wang, and H. Unbehauen. Model reduction based on regional pole and covariance equivalent realizations; *T-AC Oct 99* 1889-1893
Zikuan Liu, and Fengsheng Tu. Single sample path-based sensitivity analysis of Markov processes using uniformization; *T-AC Apr 99* 872-875
Zinober, A.S.I., see Koshkouei, A.J., *T-AC Jul 99* 1417-1419
Zoppoli, R., see Alessandri, A., *T-AC Nov 99* 2028-2042
Zribi, M., see Mahmoud, M.S., *T-AC Aug 99* 1632

SUBJECT INDEX

A

Absolute stability
 Lure systs. with neural nets, absol. stabil. *Soykens, J.A.K.*, +, *T-AC Apr 99* 770-774
 uncertain syst. robust control/stabil. multipliers. *Yung-Shan Chou*, +, *T-AC May 99* 906-913
AC machines; cf. Synchronous machines
AC motor drives; cf. Induction motor drives
AC motors; cf. Induction motors
Active noise control
 repetitive vibr. cancellation, Chaplin-Smith's patent. *Bodson, M.*, *T-AC Nov 99* 2221-2225
Actuators
 lin. syst. integral control with actuator nonlin. *Logemann, H.*, +, *T-AC Jun 99* 1315-1319
Adaptive control
 2-DOF set-point discrete time supervisory controller. *Borrelli, D.*, +, *T-AC Jan 99* 178-181
 controlled Markov chains, recurrence condition, steering policies. *Dye-Jyun Ma*, +, *T-AC Aug 99* 1583-1587
 decentralized adaptive control of nonlin. systs. using neural nets. *Spoooner, J.T.*, +, *T-AC Nov 99* 2050-2057
 decentralized adaptive regulation with unknown HF-gain signs. *Ye Xudong*, *T-AC Nov 99* 2072-2076
 diagonal recurrent neural net-based adaptive SPSA control syst. *Ji, X.D.*, +, *T-AC Jul 99* 1469-1473
 discrete-time adaptive nonlin. control, fund. limitations. *Liang-Liang Xie*, +, *T-AC Sep 99* 1777-1782
 discrete time model ref. systs., ident. and adaptive control, stabil. theorem. *Silveira, H.M.*, *T-AC Oct 99* 1947-1950
 discrete-time syst. robust MRAC param. update. *Tao, G.*, *T-AC Jan 99* 186-190
 dyn. state feedback control struct. *Bazanella, A.S.*, +, *T-AC Mar 99* 588-592
 failure-prone mfg. systs., adaptive prod. planning. *Duncan, T.E.*, +, *T-AC Feb 99* 427-430
 feedforward nonlin. systs., logic-based switching adaptive stabilization. *Ye Xudong*, *T-AC Nov 99* 2174-2178
 globally stabilizing adaptive controller, generically destabilizing param. estim. *Townley, S.*, *T-AC Nov 99* 2238-2241
 high-gain stabilizable systs., adaptive sampling control. *Ilchmann, A.*, +, *T-AC Oct 99* 1961-1966
 indirect adaptive control under bounded disturbances. *Bartolini, G.*, +, *T-AC Apr 99* 789-793
 indirect adaptive periodic control. *Dimogianopoulos, D.*, +, *T-AC Dec 99* 2308-2312
 induction motor global adaptive output feedback control. *Marino, R.*, +, *T-AC May 99* 967-983
 interconnected syst. decentralized MRAC design. *Changyuan Wen*, +, *T-AC Jul 99* 1464-1469
 lin.-in-the-params. feedback lin. systs., switching adaptive controller. *Kosmatopoulos, E.B.*, +, *T-AC Apr 99* 742-750
 LQG adaptive continuous-time control. *Duncan, T.E.*, +, *T-AC Sep 99* 1653-1662
 LTI continuous-time syst. fast ident., model complexity. *Lin Lin*, +, *T-AC Oct 99* 1814-1828
 manipulator adaptive force/posn. tracking control. *Villani, L.*, +, *T-AC Apr 99* 798-802
 mfg., failure-prone systs., perturb. adaptive control. *Qian-Yu Tang*, +, *T-AC Sep 99* 1719-1725
 nonlin. control syst. wavelet-based ident. *Sureshbabu, N.*, +, *T-AC Feb 99* 412-417
 nonlin. control, uncertain, robust adaptive backstepping. *Zhong-Ping Jiang*, +, *T-AC Sep 99* 1705-1711
 nonlin. dyn. syst. robust neurocontrol. *Rovithakis, G.A.*, *T-AC Jan 99* 102-108
 nonlin. parameterized systs., adaptive estim./control. *Ai-Poh Loh*, +, *T-AC Sep 99* 1634-1652
 nonlin. stochastic discrete-time adaptive predictive control. *Chen Wei*, +, *T-AC Sep 99* 1725-1729
 observable min. phase SISO nonlin. systs., time-varying params., adaptive output feedback control. *Marino, R.*, +, *T-AC Nov 99* 2190-2194
 repetitive vibr. cancellation, Chaplin-Smith's patent. *Bodson, M.*, *T-AC Nov 99* 2221-2225
 robot arm decentralized nonlin. adaptive tracking. *Ming Liu*, *T-AC Feb 99* 357-363
 robot manipulators, tracking problem, robust adaptive control. *Tomei, P.*, *T-AC Mar 99* 654-658
 robust adaptive stabilization of 1st.-order hybrid systs. *De La Sen, M.*, *T-AC Mar 99* 597-602
 robust indirect adaptive control scheme, dead zone tech. *Gang Feng*, *T-AC Sep 99* 1764-1768
 strict feedback nonlin. systs., param. convergence. *Jung-Shan Lin*, +, *T-AC Jan 99* 89-94
 strictly pos. real systs., design using const. output feedback. *Huang, C.-H.*, +, *T-AC Mar 99* 569-573

Xin-Zhen Yu, and Wen-Zhong Song. Further properties of optimal hedging points in a class of manufacturing systems; *T-AC Feb 99* 379-382
Xu Demin, see Demin Xu, *T-AC Jul 99* 1435-1441
Xudong Ye, see Ye Xudong, *T-AC Nov 99* 2072-2076
Xudong Ye, see Ye Xudong, *T-AC Nov 99* 2174-2178
Xu Jiayi-Xin, see Jiayi-Xin Xu, *T-AC Oct 99* 1884-1888
Xun Yu Zhou, see Lim, A.E.B., *T-AC Jul 99* 1359-1369

Y

Yakubovich, V.A., see Lindquist, A., *T-AC Sep 99* 1688-1704
Yamashita, M., see Hayakawa, K., *T-AC Feb 99* 392-396
Yang Chi-Ming, see Chee-Fai Yung, *T-AC Nov 99* 2058-2062
Yang Guang-Hong, see Guang-Hong Yang, *T-AC Mar 99* 578-583
Yang Guang-Hong, see Shoudong Huang, *T-AC Nov 99* 2108-2114
Yang Shih-Feng, see Chyi Hwang, *T-AC Sep 99* 1782-1787
Yang Tao, see Tao Yang, *T-AC May 99* 1081-1083
Yan Guang-Hong, see Chong Lin, *T-AC Sep 99* 1768-1773
Yan Wei-Yong, see Lihua Xie, *T-AC Feb 99* 418-422
Yan Wei-Yong, see Wei-Yong Yan, *T-AC Jul 99* 1341-1358
Yao, D.D., and S. Zheng. Coordinated quality control in a two-stage system; *T-AC Jun 99* 1166-1179
Yau, S.S.T., and A. Rasoulian. Classification of four-dimensional estimation algebras; *T-AC Dec 99* 2312-2318
Yaz, E., see Reif, K., *T-AC Apr 99* 714-728
Yaz, E.E., see Yaz, Y.I., *T-AC Apr 99* 813-816
Yaz, Y.I., and E.E. Yaz. On LMI formulations of some problems arising in nonlinear stochastic system analysis; *T-AC Apr 99* 813-816
Ye, Y., see Bai, E.-W., *T-AC Jun 99* 1107-1117
Yedavalli, R.K., see Diwekar, A.M., *T-AC Feb 99* 401-405
Yedavalli, R.K., see Diwekar, A.M., *T-AC Sep 99* 1773-1777
Yeng Chai Soh, see Lihua Xie, *T-AC Feb 99* 418-422
Yeng Chai Soh, see Changyuan Wen, *T-AC Jul 99* 1464-1469
Yeng Chai Soh, see Huanshui Zhang, *T-AC Nov 99* 2154-2158
Yen Jia-Yush, see Min-Shin Chen, *T-AC Sep 99* 1742-1745
Ye Xudong Decentralized adaptive regulation with unknown high-frequency-gain signs; *T-AC Nov 99* 2072-2076
Ye Xudong Logic-based switching adaptive stabilization of feedforward nonlinear systems; *T-AC Nov 99* 2174-2178
Ye Yinyu, see Er-Wei Bai, *T-AC Jan 99* 182-186
Yezzi, A., see Berg, J., *T-AC Jan 99* 99-102
Yin, G.G., see Zhang, Q., *T-AC Dec 99* 2271-2282
Yinyu Ye, see Er-Wei Bai, *T-AC Jan 99* 182-186
Yi Wang Le, see Lin Lin, *T-AC Oct 99* 1814-1828
Yoneyama, T., see Maitelli, A.L., *T-AC May 99* 1002-1008
Yonghua Li, Feng Lin, and Zheng Hui Lin. Supervisory control of probabilistic discrete-event systems with recovery; *T-AC Oct 99* 1971-1975
Yong-Yan Cao, You-Xian Sun, and J. Lam. Simultaneous stabilization via static output feedback and state feedback; *T-AC Jun 99* 1277-1282
Yong-Zhi Chen, see Min-Shin Chen, *T-AC Jan 99* 218-222
Youping Zhang, and P.A. Ioannou. Robustness of nonlinear control systems with respect to unmodeled dynamics; *T-AC Jan 99* 119-124
You-Xian Sun, see Dong-Ping Song, *T-AC Mar 99* 619-622
You-Xian Sun, see Yong-Yan Cao, *T-AC Jun 99* 1277-1282
Yu Chi Ho, see Loo Hay Lee, *T-AC Jan 99* 94-99
Yu-Hong Zhou, and J.C. Allwright. The solution of an affine problem and its application in control; *T-AC Apr 99* 826-829
Yun-Chung Chu, and K. Glover. Bounds of the induced norm and model reduction errors for systems with repeated scalar nonlinearities; *T-AC Mar 99* 471-483
Yun-Chung Chu, and K. Glover. Stabilization and performance synthesis for systems with repeated scalar nonlinearities; *T-AC Mar 99* 484-496
Yung Chee-Fai, see Chee-Fai Yung, *T-AC Nov 99* 2058-2062
Yung-Shan Chou, A.L. Tits, and V. Balakrishnan. Stability multipliers and μ upper bounds: connections and implications for numerical verification of frequency domain conditions; *T-AC May 99* 906-913
Yusupov, R.M., see Rosenasser, E.N., *T-AC May 99* 1101-1103
Yu Xin-Zhen, see Xin-Zhen Yu, *T-AC Feb 99* 379-382
Yu Zhou Xun, see Lim, A.E.B., *T-AC Jul 99* 1359-1369

Z

Zafiriou, E., see Qingsheng Zheng, *T-AC Mar 99* 635-640
Zak, S.H., see Chong, E.K.P., *T-AC Nov 99* 1995-2006
Zames, G., see Lin Lin, *T-AC Oct 99* 1814-1828
Zeccevic, A.I., and D.D. Siljak. Parallel solutions of very large sparse Lyapunov equations by balanced BBD decompositions; *T-AC Mar 99* 612-618
Zeren, M., and H. Ozbay. On the synthesis of stable H^∞ controllers; *T-AC Feb 99* 431-435
Zhang, Q., see Duncan, T.E., *T-AC Feb 99* 427-430
Zhang, Q., and G.G. Yin. On nearly optimal controls of hybrid LQG problems; *T-AC Dec 99* 2271-2282
Zhang Cishen, see Cishen Zhang, *T-AC Aug 99* 1607-1611
Zhang Huanshui, see Huanshui Zhang, *T-AC Nov 99* 2154-2158
Zhang Jingxin, see Cishen Zhang, *T-AC Aug 99* 1607-1611
Zhang Liqian, see Liqian Zhang, *T-AC Nov 99* 2134-2139
Zhang Qingling, see Liqian Zhang, *T-AC Nov 99* 2134-2139
Zhang Ren, see Demin Xu, *T-AC Jul 99* 1435-1441
Zhang Siying, see Shoudong Huang, *T-AC Nov 99* 2108-2114
Zhang Youping, see Youping Zhang, *T-AC Jan 99* 119-124
Zheng, S., see Yao, D.D., *T-AC Jun 99* 1166-1179
Zheng Hui Lin, see Yonghua Li, *T-AC Oct 99* 1971-1975
Zheng Qingsheng, see Qingsheng Zheng, *T-AC Mar 99* 635-640
Zhiping Lin Feedback stabilization of MIMO 3-D linear systems; *T-AC Oct 99* 1950-1955
Zhong-Ping Jiang, and H. Nijmeijer. A recursive technique for tracking control of nonholonomic systems in chained form; *T-AC Feb 99* 265-279
Zhong-Ping Jiang, I. Mareels, and D. Hill. Robust control of uncertain nonlinear systems via measurement feedback; *T-AC Apr 99* 807-812
Zhong-Ping Jiang, and D.J. Hill. A robust adaptive backstepping scheme for nonlinear systems with unmodeled dynamics; *T-AC Sep 99* 1705-1711

Zhou Xun Yu, see Lim, A.E.B., *T-AC Jul 99* 1359-1369
Zhou Yu-Hong, see Yu-Hong Zhou, *T-AC Apr 99* 826-829
Zhu Tao, see Jiayi-Xin Xu, *T-AC Oct 99* 1884-1888
Zidong Wang, and H. Unbehauen. Robust H_2/H_∞ -state estimation for systems with error variance constraints: the continuous-time case; *T-AC May 99* 1061-1065
Zidong Wang, and H. Unbehauen. Model reduction based on regional pole and covariance equivalent realizations; *T-AC Oct 99* 1889-1893
Zikuan Liu, and Fengsheng Tu. Single sample path-based sensitivity analysis of Markov processes using uniformization; *T-AC Apr 99* 872-875
Zinober, A.S.I., see Koshkoei, A.J., *T-AC Jul 99* 1417-1419
Zoppoli, R., see Alessandri, A., *T-AC Nov 99* 2028-2042
Zribi, M., see Mahmoud, M.S., *T-AC Aug 99* 1632

SUBJECT INDEX

A

Absolute stability
 Lure systs. with neural nets, absol. stabil. *Soykens, J.A.K.*, +, *T-AC Apr 99* 770-774
 uncertain syst. robust control/stabil. multipliers. *Yung-Shan Chou*, +, *T-AC May 99* 906-913
AC machines; cf. Synchronous machines
AC motor drives; cf. Induction motor drives
AC motors; cf. Induction motors
Active noise control
 repetitive vibr. cancellation, Chaplin-Smith's patent. *Bodson, M.*, *T-AC Nov 99* 2221-2225
Actuators
 lin. syst. integral control with actuator nonlin. *Logemann, H.*, +, *T-AC Jun 99* 1315-1319
Adaptive control
 2-DOF set-point discrete time supervisory controller. *Borrelli, D.*, +, *T-AC Jan 99* 178-181
 controlled Markov chains, recurrence condition, steering policies. *Dye-Jyun Ma*, +, *T-AC Aug 99* 1583-1587
 decentralized adaptive control of nonlin. systs. using neural nets. *Spoooner, J.T.*, +, *T-AC Nov 99* 2050-2057
 decentralized adaptive regulation with unknown HF-gain signs. *Ye Xudong*, *T-AC Nov 99* 2072-2076
 diagonal recurrent neural net-based adaptive SPSA control syst. *Ji, X.D.*, +, *T-AC Jul 99* 1469-1473
 discrete-time adaptive nonlin. control, fund. limitations. *Liang-Liang Xie*, +, *T-AC Sep 99* 1777-1782
 discrete time model ref. systs., ident. and adaptive control, stabil. theorem. *Silveira, H.M.*, *T-AC Oct 99* 1947-1950
 discrete-time syst. robust MRAC param. update. *Tao, G.*, *T-AC Jan 99* 186-190
 dyn. state feedback control struct. *Bazanella, A.S.*, +, *T-AC Mar 99* 588-592
 failure-prone mfg. systs., adaptive prod. planning. *Duncan, T.E.*, +, *T-AC Feb 99* 427-430
 feedforward nonlin. systs., logic-based switching adaptive stabilization. *Ye Xudong*, *T-AC Nov 99* 2174-2178
 globally stabilizing adaptive controller, generically destabilizing param. estim. *Townley, S.*, *T-AC Nov 99* 2238-2241
 high-gain stabilizable systs., adaptive sampling control. *Ilchmann, A.*, +, *T-AC Oct 99* 1961-1966
 indirect adaptive control under bounded disturbances. *Bartolini, G.*, +, *T-AC Apr 99* 789-793
 indirect adaptive periodic control. *Dimogianopoulos, D.*, +, *T-AC Dec 99* 2308-2312
 induction motor global adaptive output feedback control. *Marino, R.*, +, *T-AC May 99* 967-983
 interconnected syst. decentralized MRAC design. *Changyuan Wen*, +, *T-AC Jul 99* 1464-1469
 lin.-in-the-params. feedback lin. systs., switching adaptive controller. *Kosmatopoulos, E.B.*, +, *T-AC Apr 99* 742-750
 LQG adaptive continuous-time control. *Duncan, T.E.*, +, *T-AC Sep 99* 1653-1662
 LTI continuous-time syst. fast ident., model complexity. *Lin Lin*, +, *T-AC Oct 99* 1814-1828
 manipulator adaptive force/posn. tracking control. *Villani, L.*, +, *T-AC Apr 99* 798-802
 mfg., failure-prone systs., perturb. adaptive control. *Qian-Yu Tang*, +, *T-AC Sep 99* 1719-1725
 nonlin. control syst. wavelet-based ident. *Sureshbabu, N.*, +, *T-AC Feb 99* 412-417
 nonlin. control, uncertain, robust adaptive backstepping. *Zhong-Ping Jiang*, +, *T-AC Sep 99* 1705-1711
 nonlin. dyn. syst. robust neurocontrol. *Rovithakis, G.A.*, *T-AC Jan 99* 102-108
 nonlin. parameterized systs., adaptive estim./control. *Ai-Poh Loh*, +, *T-AC Sep 99* 1634-1652
 nonlin. stochastic discrete-time adaptive predictive control. *Chen Wei*, +, *T-AC Sep 99* 1725-1729
 observable min. phase SISO nonlin. systs., time-varying params., adaptive output feedback control. *Marino, R.*, +, *T-AC Nov 99* 2190-2194
 repetitive vibr. cancellation, Chaplin-Smith's patent. *Bodson, M.*, *T-AC Nov 99* 2221-2225
 robot arm decentralized nonlin. adaptive tracking. *Ming Liu*, *T-AC Feb 99* 357-363
 robot manipulators, tracking problem, robust adaptive control. *Tomei, P.*, *T-AC Mar 99* 654-658
 robust adaptive stabilization of 1st.-order hybrid systs. *De La Sen, M.*, *T-AC Mar 99* 597-602
 robust indirect adaptive control scheme, dead zone tech. *Gang Feng*, *T-AC Sep 99* 1764-1768
 strict feedback nonlin. systs., param. convergence. *Jung-Shan Lin*, +, *T-AC Jan 99* 89-94
 strictly pos. real systs., design using const. output feedback. *Huang, C.-H.*, +, *T-AC Mar 99* 569-573

- time-varying lin. systs., ident. and adaptive control, achievable perform. bounds. *Ravikanth, R.*, +, *T-AC Apr 999* 670-682
 underactuated robots, adaptive variable struct. set-point control. *Chun-Yi Su*, +, *T-AC Nov 99* 2090-2093
 VSS, use in adaptive control, param. convergence props. *Bartolini, G.*, +, *T-AC Jan 99* 70-76
- Adaptive estimation**
 lin.-in-the-params. feedback lin. systs., switching adaptive controller. *Kosmatopoulos, E.B.*, +, *T-AC Apr 999* 742-750
 nonlin. parameterized systs., adaptive estim./control. *Ai-Poh Loh*, +, *T-AC Sep 99* 1634-1652
 robust estim. with unknown noise stats. *Durovic, Z.M.*, +, *T-AC Jun 99* 1292-1296
- Adaptive filters**
 clustering adaptive nonlin. filters efficient algm. *Lainiotis, D.G.*, +, *T-AC Jul 99* 1454-1459
 sinusoidal sig., globally convergent freq. estimator. *Liu Hsu*, +, *T-AC Apr 999* 698-713
- Aerospace control**
 book review; Advances in Aircraft Flight Control (Tischler, M.B., Ed.; 1996). *Hess, R.A.*, *T-AC Apr 999* 887-889
 spacecraft, inverse optimal stabilization, feedback constr. *Krstic, M.*, +, *T-AC May 99* 1042-1049
- Aerospace control; cf.** Aircraft control; Attitude control; Missile control
- Aircraft control**
 disturbance rejection robust control. *Davison, D.E.*, +, *T-AC Aug 99* 1556-1559
 flat nonlin. syst. Lie-Backlund equivalence. *Fliess, M.*, +, *T-AC May 99* 922-937
 passenger comfort levels anal. in turbulence. *Davison, D.E.*, +, *T-AC Jun 99* 1132-1144
- Algebra**
 class. of four-dimensional estim. algebras. *Yau, S.S.T.*, +, *T-AC Dec 99* 2312-2318
 probabilistic discrete-event systs. with recovery, supervisory control. *Yonghua Li*, +, *T-AC Oct 99* 1971-1975
 stable suboptimal H^∞ controllers synthesis. *Zeren, M.*, +, *T-AC Feb 99* 431-435
- Algebra; cf.** Eigenvalues and eigenfunctions; Group theory; Hilbert spaces; Lie algebras; Matrix algebra; Polynomials; Set theory
- Algorithm theory; cf.** Computability; Computational complexity
- Angular velocity control**
 induction motor global adaptive output feedback control. *Marino, R.*, +, *T-AC May 99* 967-983
- Approximation theory**
 consistency issues for num. methods for variance control appls. to optim. in finance. *Kushner, H.J.*, *T-AC Dec 99* 2283-2296
 continuous-time nonlin. syst., worst case anal. *Fialho, I.J.*, +, *T-AC Jun 99* 1180-1196
 diagonal recurrent neural net-based adaptive SPSA control syst. *Ji, X.D.*, +, *T-AC Jul 99* 1469-1473
 discrete-time systs., scalar mixed H_2/H_1 approx. *Jun Wu*, +, *T-AC Oct 99* 1869-1874
 distributed-param. syst. model/control, approx. prediction. *Leland, R.P.*, *T-AC Mar 99* 623-627
 interval Routh approximants computation. *Chyi Hwang*, +, *T-AC Sep 99* 1782-1787
 Kiefer-Wolfowitz algm. with randomized differences. *Chen, H.F.*, +, *T-AC Mar 99* 442-453
 l_1/H_∞ optimal control, finite-dimens. discrete-time syst. *Rotstein, H.*, +, *T-AC Jun 99* 1240-1243
 mfg., failure-prone systs., perturb. adaptive control. *Qian-Yu Tang*, +, *T-AC Sep 99* 1719-1725
 nearly optimal controls of hybrid LQG problems. *Zhang, Q.*, +, *T-AC Dec 99* 2271-2282
 neural network approx. scheme effectiveness. *Dingankar, A.T.*, *T-AC Nov 99* 2043-2044
 neural networks in control, identification, and decision making (special section). *T-AC Nov 99* 1993-2057
 neural networks in control, identification, and decision making, special section intro. *Lemmon, M.D.*, +, *T-AC Nov 99* 1993-1994
 optimal stopping of Markov procs., finance appl. *Tsitsiklis, J.N.*, +, *T-AC Oct 99* 1840-1851
 periodic syst. ident., decomp. and approx. *Arambel, P.O.*, +, *T-AC Apr 999* 858-863
 perturb. stochastic approx., convergence rate. *Gerencser, L.*, *T-AC May 99* 894-905
 rational approx. model ident., H^∞ , orthonormal basis. *Szabo, Z.*, +, *T-AC Jan 99* 153-158
- Approximation theory; cf.** Least squares approximations; Mean square error methods
- Artificial intelligence; cf.** Cooperative systems
- Assembling**
 job flow control, stochastic timed-event graphs. *Ayhan, H.*, +, *T-AC Apr 999* 864-868
 serial transfer lines with machine/buffer failure, steady-state perform. anal. *Lipset, R.*, +, *T-AC Feb 99* 319-325
- Asymptotic stability**
 2-manipulator syst., joint space control stabil. anal. *Caccavale, F.*, +, *T-AC Jan 99* 85-88
 autonomous underwater vehicle time-varying stabilization. *Pettersen, K.Y.*, +, *T-AC Jan 99* 112-115
 cascaded nonlin. systs., stable, Lyapunov fns., global stabilization. *Mazenc, F.*, +, *T-AC Sep 99* 1795-1800
 chained form nonholonomic systs., tracking control, recursive tech. *Zhong-Ping Jiang*, +, *T-AC Feb 99* 265-279
 constrained mech. systs., impact modeling and control. *Tornambe, A.*, *T-AC Feb 99* 294-309
 dyn. switching systs., stabil. investig. *Dayawansa, W.P.*, +, *T-AC Apr 999* 751-760
 feedforward nonlin. systs., logic-based switching adaptive stabilization. *Ye Xudong*, *T-AC Nov 99* 2174-2178
- impulsive control of nonlin. systs., asymptotic stabil. *Tao Yang*, *T-AC May 99* 1081-1083
 lin. delay syst. asymptotic stabil. *Kolmanovskii, V.B.*, +, *T-AC May 99* 984-989
 lin. discrete-time systs., saturating controls, polyhedral regions of local stabil. *da Silva, J.M.G., Jr.*, +, *T-AC Nov 99* 2081-2085
 lin. syst. integral control with actuator nonlin. *Logemann, H.*, +, *T-AC Jun 99* 1315-1319
 LTI MIMO syst. stabilizing control with integral action. *Gundes, A.N.*, +, *T-AC Jan 99* 116-119
 manipulator adaptive force/posn. tracking control. *Villani, L.*, +, *T-AC Apr 999* 798-802
 manipulators, constrained, force/motion control. *Loria, A.*, +, *T-AC Jul 99* 1407-1412
 matrix norm conditions for stabil. under disturbances. *White, A.L.*, *T-AC Jan 99* 169-172
 matrix second-order systs., stabil. issues. *Diwekar, A.M.*, +, *T-AC Sep 99* 1773-1777
 multirate digital control systs., qualit. props. *Bo Hu*, +, *T-AC Apr 999* 765-770
 nonlin. almost periodic systs., state-space approach. *Seung Jean Kim*, +, *T-AC Jan 99* 66-70
 nonlin. control syst. unmodeled dyn. robustness. *Youping Zhang*, +, *T-AC Jan 99* 119-124
 nonlin. syst. H_∞ control, asymptotic stabil. *Weizhou Su*, +, *T-AC May 99* 989-993
 nonlin. systs., convergence from L_p stabil. *Teel, A.R.*, *T-AC Nov 99* 2169-2170
 nonlin. systs., decentralized H_∞ -controller design. *Guang-Hong Yang*, +, *T-AC Mar 99* 578-583
 nonlin. systs., robust stabilization w.r.t. pointwise norm-bounded uncertainties. *Battilotti, S.*, *T-AC Jan 99* 3-17
 nonlin. systs., stabilization, separation principle. *Atassi, A.N.*, +, *T-AC Sep 99* 1672-1687
 null-controllable lin. syst. predictive control. *Casavola, A.*, +, *T-AC Nov 99* 2226-2230
 periodically time-varying syst. static output feedback. *Min-Shin Chen*, +, *T-AC Jan 99* 218-222
 robust indirect adaptive control scheme, dead zone tech. *Gang Feng*, *T-AC Sep 99* 1764-1768
 SISO uncertain nonlin. systs., global output feedback controls, almost disturbance decoupling. *Marino, R.*, +, *T-AC Jan 99* 18-28
 smooth nonlin. syst. feedback stabilization. *Outbib, R.*, +, *T-AC Jan 99* 200-202
 stochastic nonlin. continuous-time systs., global output-feedback stabilization. *Hua Deng*, +, *T-AC Feb 99* 328-333
 time invariant uncertain delay syst. stabil. criterion. *PooGyeon Park*, *T-AC Apr 999* 876-877
 time varying systs., input-to-state stabil., partial-static feedback stabilization, asymptotic tracking. *Tsinias, J.*, +, *T-AC Nov 99* 2179-2184
 underactuated robots, adaptive variable struct. set-point control. *Chun-Yi Su*, +, *T-AC Nov 99* 2090-2093
- Asynchronous machines; cf.** Induction motors
- Attitude control**
 autonomous underwater vehicle time-varying stabilization. *Pettersen, K.Y.*, +, *T-AC Jan 99* 112-115
- Automata theory**
 safe timed Petri nets, modeling and anal. using heaps of pieces. *Gaubert, S.*, +, *T-AC Apr 999* 683-697
- Automata theory; cf.** Probabilistic automata
- Automobiles**
 act. suspen. syst. robust H^∞ feedback control. *Hayakawa, K.*, +, *T-AC Feb 99* 392-396
 automotive engine fault detect. by model based probabilistic approach. *Dinca, L.*, +, *T-AC Nov 99* 2200-2205
- Autoregressive moving average processes**
 ident., primary output estim. from secondary meas. *Ergon, R.*, *T-AC Apr 999* 821-825
 ident., recursive, of ARMAX model in closed loop. *Landau, I.D.*, +, *T-AC Apr 999* 840-843
 sing. stochastic discrete-time syst. filtering/prediction. *Huanshui Zhang*, +, *T-AC Nov 99* 2154-2158
- Autoregressive processes**
 doubly stochastic AR model exact filter. *Evans, J.*, +, *T-AC Apr 999* 794-798
 ident. of lin. models, finite sample props. *Weyer, E.*, +, *T-AC Jul 99* 1370-1383
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B

Backpropagation

Lure systs. with neural nets, absol. stabil. *Soykens, J.A.K.*, +, *T-AC Apr 999* 770-774

Band-stop filters; cf. Notch filters**Batch processing (industrial)**

two-stage prod. syst., coord. QC. *Yao, D.D.*, +, *T-AC Jun 99* 1166-1179

Bayes methods

NARX model ident. via regularization networks. *De Nicolao, G.*, +, *T-AC Nov 99* 2045-2049

Bilinear systems

finite degree discrete Volterra syst. I/O rep. *Kotsios, S.*, *T-AC Jul 99* 1460-1464

input-output form bilinear systs., stabil. props. and periodic evol. *Fornasini, E.*, +, *T-AC Jun 99* 1197-1202

static state feedback sing. *Chabour, R.*, +, *T-AC Aug 99* 1559-1564

subspace ident. methods. *Favoreel, W.*, +, *T-AC Jun 99* 1157-1165

Bode diagrams

nonlin. systs., feedback limits; Bode integrals. *Serua, M.M.*, +, *T-AC Apr 999* 829-833

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C

CAD; cf. Control system CAD

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Calibration

drifting sens. gain nonlin. filtering/observers. *Vincent, T.L., +, T-AC Mar 99 509-520*

Cascade systems

nonlin. systs., stable, Lyapunov fns., global stabilization. *Mazenc, F., +, T-AC Sep 99 1795-1800*

Closed loop systems

2-DOF set-point discrete time supervisory controller. *Borrelli, D., +, T-AC Jan 99 178-181*

bilinear syst. static state feedback sing. *Chabour, R., +, T-AC Aug 99 1559-1564*

chained form nonholonomic systs., tracking control, recursive tech. *Zhong-Ping Jiang, +, T-AC Feb 99 265-279*

constrained mech. systs., impact modeling and control. *Tornambe, A., T-AC Feb 99 294-309*

continuous-time syst. piecewise lin. constrained control. *Benzaouia, A., +, T-AC Jul 99 1477-1481*

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dead-time compensators, robust tuning. *Normey-Rico, J.E., +, T-AC Aug 99 1597-1603*

descriptor syst. output feedback regularization. *Chu, D.L., +, T-AC Feb 99 405-412*

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discrete-time syst. robust MRAC param. update. *Tao, G., T-AC Jan 99 186-190*

distributed-param. syst. model/control, approx. prediction. *Leland, R.P., T-AC Mar 99 623-627*

disturbance decoupling with stabil. by PID control laws. *Estrada, M.B., +, T-AC Jun 99 1311-1315*

feedforward nonlin. systs., logic-based switching adaptive stabilization. *Ye Xudong, T-AC Nov 99 2174-2178*

finite bandwidth feedback systs., disturbance rejection limitations. *Davison, D.E., +, T-AC Jun 99 1132-1144*

first-order optimal reduced-delay sample-data holds. *Leonard, F., T-AC Jul 99 1446-1449*

fractional-order syst. $PI^{\alpha}D^{\beta}$ -controllers. *Podlubny, I., T-AC Jan 99 208-214*

H_2 guaranteed cost sliding mode control design. *Takahashi, R.H.C., +, T-AC Nov 99 2214-2218*

ident., closed-loop, indirect approach, motivation. *Ljung, L., +, T-AC Nov 99 2206-2209*

ident., recursive, of ARMAX model in closed loop. *Landau, I.D., +, T-AC Apr 99 840-843*

interconnected syst. decentralized MRAC design. *Changyun Wen, +, T-AC Jul 99 1464-1469*

lin. discrete-time systs., saturating controls, polyhedral regions of local stabil. *da Silva, J.M.G., Jr., +, T-AC Nov 99 2081-2085*

lin.-in-the-params. feedback lin. systs., switching adaptive controller. *Kosmatopoulos, E.B., +, T-AC Apr 99 742-750*

lin. SISO systs., freq.-domain ident., arbitrary excitations and nonparametric noise model. *Schoukens, J., +, T-AC Feb 99 343-347*

lin. time-varying sing. control design, I/O decoupling. *Xiaoping Liu, T-AC May 99 1016-1021*

LQ preview synthesis, worst case anal. *Kojima, A., +, T-AC Feb 99 352-357*

Lure systs. with neural nets, absol. stabil. *Soykens, J.A.K., +, T-AC Apr 99 770-774*

matrix second-order uncertain syst. robust control. *Diwekar, A.M., +, T-AC Feb 99 401-405*

mech. systs. with friction, Caratheodory solns. *Seung-Jean Kim, +, T-AC Nov 99 2086-2089*

MIMO syst. partial model matching via static feedback. *Koumboulis, F.N., +, T-AC Feb 99 386-392*

multivariable stochastic systs., output PDF, robust control, guaranteed stabil. *Hong Wang, T-AC Nov 99 2103-2107*

nonlin. dyn. syst. robust neurocontrol. *Rovithakis, G.A., T-AC Jan 99 102-108*

nonlin. feedback syst. stabil. condition. *Hagiwara, T., +, T-AC Aug 99 1573-1577*

nonlin. syst. H_{∞} control, asymptotic stabil. *Weizhou Su, +, T-AC May 99 989-993*

nonlin. syst. noninteracting control via static feedback. *Battilotti, S., T-AC Apr 99 774-779*

observable min. phase SISO nonlin. systs., time-varying params., adaptive output feedback control. *Marino, R., +, T-AC Nov 99 2190-2194*

repetitive vibr. cancellation, Chaplin-Smith's patent. *Bodson, M., T-AC Nov 99 2221-2225*

robust indirect adaptive control scheme, dead zone tech. *Gang Feng, T-AC Sep 99 1764-1768*

sampled-data syst. discrete-time model. *Blachuta, M.J., T-AC Jan 99 134-139*

scalar delay differential inequalities, quantitat. anal. *Chunhai Hou, +, T-AC Feb 99 334-336*

SISO uncertain nonlin. systs., global output feedback controls, almost disturbance decoupling. *Marino, R., +, T-AC Jan 99 18-28*

sliding mode discrete-time syst. stabil., comments. *Westphal, L.C., T-AC Jul 99 1444-1445*

stochastic continuous systs., reduced-order models/control. *Leland, R., T-AC Sep 99 1714-1719*

strictly pos. real systs., design using const. output feedback. *Huang, C.-H., +, T-AC Mar 99 569-573*

strong stabilization over polytopes. *Jetto, L., T-AC Jun 99 1211-1216*

symmetric composite systs., fault tolerant decentralized H_{∞} control. *Shoudong Huang, +, T-AC Nov 99 2108-2114*

time-varying uncertain syst. robust state feedback. *Blanchini, F., +, T-AC Apr 99 802-807*

uncertain nonlin. syst. robust control via meas. feedback. *Zhong-Ping Jiang, +, T-AC Apr 99 807-812*

underactuated robots, adaptive variable struct. set-point control. *Chun-Yi Su, +, T-AC Nov 99 2090-2093*

Volterra systs., feedback, small gain theorem/anal. *Qingsheng Zheng, +, T-AC Mar 99 635-640*

Combinatorial mathematics; cf. Graph theory

Commerce; cf. Investment

Compensation

analytic phase margin design of compensation. *Dorato, P., +, T-AC Oct 99 1894-1900*

dead-time compensator, higher-order procs., modified Smith predictor. *Matausek, M.R., +, T-AC Aug 99 1603-1606*

dead-time compensators, robust tuning. *Normey-Rico, J.E., +, T-AC Aug 99 1597-1603*

delay syst. optimal robust control, Bezout factors. *Bonnet, C., +, T-AC Aug 99 1512-1521*

high-perform. state feedback, robust, and output feedback stabilizing control, systematic design algm. *Chia-Chi Tsui, T-AC Mar 99 560-563*

lin., discrete-time approx., under output feedback. *Barbot, J.P., +, T-AC Sep 99 1729-1733*

MIMO 3D lin. systs., feedback stabilization. *Zhiping Lin, T-AC Oct 99 1950-1955*

nonlin. systs., constrained, predictive command governors. *Angeli, D., +, T-AC Apr 99 816-820*

output nonlin., RLS algm. compensation. *Wigren, T., +, T-AC Oct 99 1913-1918*

robust H_{∞} control design, feedforward compensators. *Giusto, A., +, T-AC Aug 99 1578-1582*

struct. lin. syst. decoupling, state feedback. *Commault, C., +, T-AC Feb 99 348-352*

uncertain lin. systs., generalized (C, A, B)-pairs, param. insensitive disturbance-rejection, dyn. compensator. *Otsuka, N., T-AC Nov 99 2195-2200*

Computability

discrete-time lin. syst. state observers. *Valcher, M.E., T-AC Feb 99 397-401*

Computational complexity

bounded error param. estim., seq. analytic center approach. *Bai, E.-W., +, T-AC Jun 99 1107-1117*

delay estim. using low-complexity exhaustive search. *Carlemalm, C., +, T-AC May 99 1031-1037*

filter, stochastic, 2nd-order, involving coord. transform. *Kwanghee Nam, +, T-AC Mar 99 603-608*

LTI continuous-time syst. fast ident., model complexity. *Lin Lin, +, T-AC Oct 99 1814-1828*

model validation, time/freq.-domain meas. *Demin Xu, +, T-AC Jul 99 1435-1441*

observer design for lin. time-varying systs., LSA. *Min-Shin Chen, +, T-AC Sep 99 1742-1745*

optim., ordinal, using goal softening. *Loo Hay Lee, +, T-AC Jan 99 94-99*

perturb. stochastic approx., convergence rate. *Gerencser, L., T-AC May 99 894-905*

two-stage Kalman state estimator, optimal soln. *Chien-Shu Hsieh, +, T-AC Jan 99 194-199*

Computation theory; cf. Automata theory

Computer applications; cf. Computerized instrumentation; Mathematics computing

Computerized control; cf. Industrial control; Intelligent control

Computerized instrumentation

nonlin. systs., lin. blocks/static nonlin., ident. *Vandersteen, G., +, T-AC Jun 99 1266-1271*

Constraint theory

decision proc., constrained 2-factor dyn. prog. *Feinberg, E.A., +, T-AC Mar 99 628-631*

Continuous time systems

approx. pulse transfer fns. *Blachura, M.J., T-AC Nov 99 2062-2067*

book review; Linear System (Antsaklis, P.J., and Michel, A.N.; 1997). *Djafaris, T.E., T-AC Jun 99 1320-1321*

book review; Theory of Sensitivity in Dynamic Systems, An Introduction (Eslami, M.; 1994). *Rosenvasser, E.N., +, T-AC May 99 1101-1103*

continuous-time nonlin. syst., worst case anal. *Fialho, I.J., +, T-AC Jun 99 1180-1196*

continuous-time uncertain systs., Markovian jumping params., Kalman filtering. *Peng Shi, +, T-AC Aug 99 1592-1597*

digital redesign, Laplace transform approach. *Rosenvasser, Ye.N., +, T-AC Apr 99 883-886*

dyn. decentralized robust output feedback control. *Geromel, J.C., +, T-AC Jul 99 1449-1454*

lin. continuous-time systs., receding horizon Kalman FIR filter. *Wook Hyun Kwon, +, T-AC Nov 99 2115-2120*

lin. continuous time-varying systs., poles and zeros at infinity. *Bourles, H., +, T-AC Oct 99 1981-1985*

lin. time-varying systs., controllability/observability robustness. *Dohyoung Chung, +, T-AC Oct 99 1919-1923*

LTI continuous-time syst. fast ident., model complexity. *Lin Lin, +, T-AC Oct 99 1814-1828*

nonlin. state obs. by H_{∞} -filtering Riccati design. *Reif, K., +, T-AC Jan 99 203-208*

nonlin. stochastic dyn. syst., max. likelihood state estim., Mortensen eqn. *Aihara, S., +, T-AC Oct 99 1955-1961*

nonlin. systs., Benes nonlin. moments and stochastic integrals, finite-dimens. filters. *Elliott, R.J., +, T-AC Oct 99 1929-1933*

output feedback control problems, sufficient LMI conditions. *Crusius, C.A.R., +, T-AC May 99 1053-1057*

periodically time-varying syst. static output feedback. *Min-Shin Chen, +, T-AC Jan 99 218-222*

- perturbed lin. continuous-time systs., robust H_2/H_∞ -state estim. *Zidong Wang*, +, *T-AC May 99* 1061-1065
 piecewise lin. constrained control. *Benzaouia, A.*, +, *T-AC Jul 99* 1477-1481
 pulse transfer fn., word length for small sampling periods. *Gessing, R.*, *T-AC Sep 99* 1760-1764
 pulse transfer fn. zeros. *Blachuta, M.J.*, *T-AC Jun 99* 1229-1234
 robust H_2 anal., convex methods. *Paganini, F.*, *T-AC Feb 99* 239-252
 robust indirect adaptive control scheme, dead zone tech. *Gang Feng*, *T-AC Sep 99* 1764-1768
 sampled data control, periodically time-varying controllers, perform. anal. *Cishen Zhang*, +, *T-AC Aug 99* 1607-1611
 semiglobal stabilization of continuous-time systs. with bounded inputs. *Lozano, R.*, +, *T-AC Dec 99* 2318-2320
 stochastic nonlin. continuous-time systs., global output-feedback stabilization. *Hua Deng*, +, *T-AC Feb 99* 328-333
 uncertain continuous-time lin. systs., state feedback control synthesis, universal Lyapunov fns. *Blanchini, F.*, +, *T-AC Mar 99* 641-647
 uncertain lin. sing. systs., output feedback control, robustness anal. *Lin, J.L.*, +, *T-AC Oct 99* 1924-1929
- Control engineering computing; cf.** Control system CAD
Control equipment; cf. Actuators; Neurocontrollers
Controllability
 adaptive continuous-time LQG control. *Duncan, T.E.*, +, *T-AC Sep 99* 1653-1662
 continuous lin. time-varying systs., controllability/observability robustness. *Dohyoung Chung*, +, *T-AC Oct 99* 1919-1923
 flexible space struct., degrees of controllability/observability. *Williams, T.*, +, *T-AC Sep 99* 1791-1795
 lin. reachability vs. global stabilization. *Hu, X.*, +, *T-AC Jun 99* 1303-1305
 lin. state-space systs. ident., bal. canonical forms. *Bauer, D.*, +, *T-AC Jun 99* 1118-1131
 lin. time-varying sing. systs., controllability. *Chi-Jo Wang*, *T-AC Oct 99* 1901-1905
 model reduction, freq.-weighted, via quasi-Kalman decomp. *Diab, M.*, +, *T-AC Jan 99* 139-144
 null-controllable lin. syst. predictive control. *Casavola, A.*, +, *T-AC Nov 99* 2226-2230
 periodically time-varying syst. static output feedback. *Min-Shin Chen*, +, *T-AC Jan 99* 218-222
 planar body with unilateral thrusters, controllability. *Lynch, K.M.*, *T-AC Jun 99* 1206-1211
 probabilistic discrete-event systs. with recovery, supervisory control. *Yonghua Li*, +, *T-AC Oct 99* 1971-1975
 robust adaptive stabilization of 1st.-order hybrid systs. *De La Sen, M.*, *T-AC Mar 99* 597-602
 struct. polynomial systs., controllability anal. *Nesic, D.*, +, *T-AC Apr 99* 761-764
 syst. sampling without loss of observability/controllability. *Kreisselmeier, G.*, *T-AC May 99* 1021-1025
 time-varying discrete systs., constrained controllability. *Benzaid, Z.*, *T-AC Mar 99* 608-612
 uncertain perturbed systs., C-controllability/observability. *Chong Lin*, +, *T-AC Sep 99* 1768-1773
 uncertain syst. necessary/sufficient min. condition. *Beck, C.L.*, +, *T-AC Oct 99* 1802-1813
 underactuated mech. systs., dyn., control, stabil. *Reyhanoğlu, M.*, +, *T-AC Sep 99* 1663-1671
 weak robust controllability/observability, uncertainty. *Savkin, A.V.*, +, *T-AC May 99* 1037-1041
- Controllers; cf.** Servomechanisms
Control nonlinearities
 continuous-time nonlin. systs., Benes nonlin., moments and stochastic integrals, finite-dimens. filters. *Elliott, R.J.*, +, *T-AC Oct 99* 1929-1933
 lin. discrete-time systs., saturating controls, polyhedral regions of local stabil. *da Silva, J.M.G., Jr.*, +, *T-AC Nov 99* 2081-2085
 lin.-in-the-params. feedback lin. systs., switching adaptive controller. *Kosmatopoulos, E.B.*, +, *T-AC Apr 99* 742-750
 lin. syst. integral control with actuator nonlin. *Logemann, H.*, +, *T-AC Jun 99* 1315-1319
 nonlin. feedback syst. stabil. condition. *Hagiwara, T.*, +, *T-AC Aug 99* 1573-1577
 sliding mode control and chattering reduction, transformed Lure problem. *Ching-Yei Chung, S.*, +, *T-AC Mar 99* 563-568
- Control of specific variables; cf.** Active noise control; Mechanical variables control
Control system analysis
 2-manipulator syst., joint space control stabil. anal. *Caccavale, F.*, +, *T-AC Jan 99* 85-88
 continuous-time systs., robust H_2 anal., convex methods. *Paganini, F.*, *T-AC Feb 99* 239-252
 dead-time compensators, robust tuning. *Normey-Rico, J.E.*, +, *T-AC Aug 99* 1597-1603
 descriptor syst. output feedback regularization. *Chu, D.L.*, +, *T-AC Feb 99* 405-412
 DES decentralized supervisory control. *Takai, S.*, *T-AC Jul 99* 1441-1444
 discrete-event syst. supervisory robust control. *Cury, J.E.R.*, +, *T-AC Feb 99* 376-379
 feedforward nonlin. systs., logic-based switching adaptive stabilization. *Ye Xudong*, *T-AC Nov 99* 2174-2178
 internal stabil. of interconnected systs. *Qing-Guo Wang*, +, *T-AC Mar 99* 593-596
 lin.-in-the-params. feedback lin. systs., switching adaptive controller. *Kosmatopoulos, E.B.*, +, *T-AC Apr 99* 742-750
 lin. sing. systs., output feedback control, robustness anal. *Lin, J.L.*, +, *T-AC Oct 99* 1924-1929
 LTI discrete-time state observers unification. *Ploix, S.*, +, *T-AC Feb 99* 422-426
 matrices, compact convex set spectrum, for robustness anal. *Monov, V.V.*, *T-AC May 99* 1009-1012
 nonlin. stochastic discrete-time syst. anal. via LMI. *Yaz, Y.I.*, +, *T-AC Apr 99* 813-816
- nonlin. syst. disturbance atten./perform. bounds. *Isidori, A.*, +, *T-AC Aug 99* 1535-1545
 nonlin. syst. noninteracting control via static feedback. *Battilotti, S.*, *T-AC Apr 99* 774-779
 parametric rational fns., boundary computation. *Sy-Kang Shen*, +, *T-AC Jan 99* 227-231
 periodically time-varying controllers, perform. anal. *Cishen Zhang*, +, *T-AC Aug 99* 1607-1611
 risk-sensitive optimal control anal. of HMM chains. *Hernandez-Hernandez, D.*, +, *T-AC May 99* 1093-1100
 robust H_2 perform. anal., freq. domain conditions. *Paganini, F.*, *T-AC Jan 99* 38-49
 robust indirect adaptive control scheme, dead zone tech. *Gang Feng*, *T-AC Sep 99* 1764-1768
 sampled-data syst. lifting, param. representation. *Mirkin, L.*, +, *T-AC Apr 99* 833-840
 sliding mode discrete-time syst. stabil., comments. *Westphal, L.C.*, *T-AC Jul 99* 1444-1445
 time-varying nonlin. systs., unified stabil. anal. *Chun-Bo Feng*, +, *T-AC May 99* 998-1002
 Volterra systs., feedback, small gain theorem/anal. *Qingsheng Zheng*, +, *T-AC Mar 99* 635-640
- Control system CAD**
 discrete-event systs., obj.-oriented modeling/control. *Shayman, M.A.*, +, *T-AC Oct 99* 1864-1869
- Control systems; cf.** Closed loop systems; Delay systems; Industrial control; Model reference adaptive control systems; Multivariable control systems; Nonlinear control systems; Observers; Reduced order systems; Singularly perturbed systems; Telecommunication traffic control
- Control system synthesis**
 adaptive internal model control, stable plant H_∞ optim. *Datta, A.*, +, *T-AC Nov 99* 2130-2134
 analytic phase margin design of compensation. *Dorato, P.*, +, *T-AC Oct 99* 1894-1900
 autopilot design, loop-shaping H-infinity controllers. *Stilwell, D.J.*, +, *T-AC Jun 99* 1225-1229
 behavioral based H_∞ control, full inform. case. *Trentelman, H.L.*, +, *T-AC Mar 99* 521-536
 chained form nonholonomic systs., tracking control, recursive tech. *Zhong-Ping Jiang*, +, *T-AC Feb 99* 265-279
 commun. networks, optimal traffic shapers design. *Anantharam, V.*, +, *T-AC Mar 99* 583-586
 dead-beat controllers and stabilizability. *Nesic, D.*, +, *T-AC Nov 99* 2068-2071
 decentralized control of seq. min.-phase systs. *Johansson, K.H.*, +, *T-AC Oct 99* 1909-1913
 discrete-time lin. syst., harmonic disturbances, optimal tracking, universal regulators. *Lindquist, A.*, +, *T-AC Sep 99* 1688-1704
 discrete-time SISO systs., I_1 uncertainties, robust stabil. and design. *Polyak, B.T.*, +, *T-AC Nov 99* 2076-2080
 discrete-time systs., scalar mixed H_2/I_1 approx. *Jun Wu*, +, *T-AC Oct 99* 1869-1874
 disturbance atten. under input saturation, matrices. *Nguyen, T.*, +, *T-AC Apr 99* 852-857
 disturbance decoupled functional observer design. *Hou, M.*, +, *T-AC Feb 99* 382-386
 disturbance decoupling with stabil. by PID control laws. *Estrada, M.B.*, +, *T-AC Jun 99* 1311-1315
 disturbance rejection robust control, aircraft appl. *Davison, D.E.*, +, *T-AC Aug 99* 1556-1559
 dyn. decentralized robust output feedback control. *Geromel, J.C.*, +, *T-AC Jul 99* 1449-1454
 feedforward nonlin. systs., logic-based switching adaptive stabilization. *Ye Xudong*, *T-AC Nov 99* 2174-2178
 gain scheduling, observer state feedback controllers interpolation. *Stilwell, D.J.*, +, *T-AC Jun 99* 1225-1229
 generalized I_2 synthesis, control design framework. *D Andrea, R.*, *T-AC Jun 99* 1145-1156
 high-perform. state feedback, robust, and output feedback stabilizing control, systematic design algm. *Chia-Chi Tsui*, *T-AC Mar 99* 560-563
 H_2 guaranteed cost sliding mode control design. *Takahashi, R.H.C.*, +, *T-AC Nov 99* 2214-2218
 H_∞ loopshaping, param. and weighted mixed sensitivity. *Guoxiang Gu*, +, *T-AC Apr 99* 846-852
 indirect adaptive control under bounded disturbances. *Bartolini, G.*, +, *T-AC Apr 99* 789-793
 induction motor drives, current-fed, optimal torque control. *Canudas de Wit, C.*, +, *T-AC May 99* 1084-1089
 induction motors, current-fed, nonlin. H_2/H_∞ control. *Georges, D.*, +, *T-AC Jul 99* 1430-1435
 input affine systs., H_∞ tracking control. *Ball, J.A.*, +, *T-AC Jun 99* 1202-1206
 interconnected syst. decentralized MRAC design. *Changyun Wen*, +, *T-AC Jul 99* 1464-1469
 interconnected systs., internal stabil. *Qing-Guo Wang*, +, *T-AC Mar 99* 593-596
 I-O methods/stabilizability of unbounded control/obs. systs. *Morris, K.A.*, *T-AC Jan 99* 81-85
 lin., discrete-time approx., under output feedback. *Barbot, J.P.*, +, *T-AC Sep 99* 1729-1733
 lin. discrete-time systs., state and control constraints, design techs. *Bitsoris, G.*, +, *T-AC May 99* 1057-1061
 lin.-in-the-params. feedback lin. systs., switching adaptive controller. *Kosmatopoulos, E.B.*, +, *T-AC Apr 99* 742-750
 lin. time-varying sing. control design, I/O decoupling. *Xiaoping Liu*, *T-AC May 99* 1016-1021
 lin. time-varying syst. H_∞ synthesis/anal. *Dullerud, G.E.*, +, *T-AC Aug 99* 1486-1497
 LQ control with eigenvalue placement in vert. strip. *Koshkouei, A.J.*, +, *T-AC Jul 99* 1417-1419
 LQ preview synthesis, worst case anal. *Kojima, A.*, +, *T-AC Feb 99* 352-357
 multirate sampled-data syst. H_∞ suboptimal control. *Li Qin*, +, *T-AC Mar 99* 537-550

- multivariable stochastic systs., output PDF, robust control, guaranteed stabil. *Hong Wang, T-AC Nov 99 2103-2107*
- nonaffine nonlin. syst. min. phase props. *Nesic, D., +, T-AC Apr 99 868-872*
- nonlin. control syst. unmodeled dyn. robustness. *Youping Zhang, +, T-AC Jan 99 119-124*
- nonlin. dyn. syst. robust neurocontrol. *Rovithakis, G.A., T-AC Jan 99 102-108*
- nonlin. systs., decentralized H_∞ -controller design. *Guang-Hong Yang, +, T-AC Mar 99 578-583*
- nonlin. systs., robust stabilization w.r.t. pointwise norm-bounded uncertainties. *Battilotti, S., T-AC Jan 99 3-17*
- observable min. phase SISO nonlin. systs., time-varying params., adaptive output feedback control. *Marino, R., +, T-AC Nov 99 2190-2194*
- observer synthesis in behavioral approach. *Valcher, M.E., +, T-AC Dec 99 2207-2307*
- optimal eigenvalue assignment, 2 seq. stage method. *Iracleous, D.P., +, T-AC Sep 99 1746-1749*
- output feedback robust stabilization of uncertain lin. systs. with saturating controls. *Henrion, D., +, T-AC Nov 99 2230-2237*
- parametric rational fns., boundary computation. *Sy-Kang Shen, +, T-AC Jan 99 227-231*
- repeated scalar nonlin. syst. stabilization/synthesis. *Yun-Chung Chu, +, T-AC Mar 99 484-496*
- repetitive vibr. cancellation, Chaplin-Smith's patent. *Bodson, M., T-AC Nov 99 2221-2225*
- robust control with integral action/limited rate control. *Cavallo, A., +, T-AC Aug 99 1569-1572*
- robust H_∞ control design, feedforward compensators. *Giusto, A., +, T-AC Aug 99 1578-1582*
- sampled-data syst. lifting, param. representation. *Mirkin, L., +, T-AC Apr 99 833-840*
- sing. perturbed systs., uncertain, H_∞ control. *Peng Shi, +, T-AC Sep 99 1738-1742*
- SISO uncertain nonlin. systs., global output feedback controls, almost disturbance decoupling. *Marino, R., +, T-AC Jan 99 18-28*
- spacecraft, inverse optimal stabilization, feedback constr. *Krstic, M., +, T-AC May 99 1042-1049*
- stable suboptimal H^∞ controller synthesis. *Zeren, M., +, T-AC Feb 99 431-435*
- strictly pos. real systs., design using const. output feedback. *Huang, C.-H., +, T-AC Mar 99 569-573*
- symmetric composite systs., fault tolerant decentralized H_∞ control. *Shoudong Huang, +, T-AC Nov 99 2108-2114*
- timed-event graphs, greatest lin. feedback synthesis. *Cotteceau, B., +, T-AC Jun 99 1258-1262*
- time-varying syst. static output feedback. *Min-Shin Chen, +, T-AC Jan 99 218-222*
- triangular nonlin. systs., sliding observer-control design. *Ahmed-Ali, T., +, T-AC Jun 99 1244-1249*
- uncertain continuous-time lin. systs., state feedback control synthesis, universal Lyapunov fns. *Blanchini, F., +, T-AC Mar 99 641-647*
- uncertain lin. models, freq.-depend. error bounds. *Andersson, L., +, T-AC Nov 99 2094-2098*
- uncertain matrix second-order syst. robust control. *Diwekar, A.M., +, T-AC Feb 99 401-405*
- uncertain nonlin. syst. robust control via meas. feedback. *Zhong-Ping Jiang, +, T-AC Apr 99 807-812*
- underactuated mech. systs., dyn., control, stabil. *Reyhanoğlu, M., +, T-AC Sep 99 1663-1671*
- underactuated robots, adaptive variable struct. set-point control. *Chun-Yi Su, +, T-AC Nov 99 2090-2093*
- weighted mixed-sensitivity H_∞ -control design, comment. *Hao Lu, +, T-AC Jun 99 1309-1310*
- Control system synthesis; cf. Control system CAD**
- Control theory; cf. Adaptive control; Compensation; Controllability; Control nonlinearities; Control system analysis; Control system synthesis; Observability; Optimal control; Periodic control; Predictive control; Robust control; Three-term control; Two-term control**
- Convergence**
- adaptive control incorporating VSS, param. convergence. *Bartolini, G., +, T-AC Jan 99 70-76*
- asymptotic convergence from L_p stabil., nonlin. systs. *Teel, A.R., T-AC Nov 99 2169-2170*
- continuous-time nonlin. syst., worst case anal. *Fialho, I.J., +, T-AC Jun 99 1180-1196*
- discrete-event systs., rational interpolation, convergence. *Nananukul, S., +, T-AC May 99 1070-1073*
- H_∞ filters/predictors, convergence conditions. *Bolzern, P., +, T-AC Aug 99 1564-1568*
- H_∞ loopshaping, param., and weighted mixed sensitivity. *Guoxiang Gu, +, T-AC Apr 99 846-852*
- H^2 optimal model reduction, approx. approach. *Wei-Yong Yan, +, T-AC Jul 99 1341-1358*
- LP problem solving with neural networks. *Chong, E.K.P., +, T-AC Nov 99 1995-2006*
- Markov chains, controlled, recurrence condition, steering policies. *Dye-Jyun Ma, +, T-AC Aug 99 1583-1587*
- mfg., failure-prone systs., perturb. adaptive control. *Qian-Yu Tang, +, T-AC Sep 99 1719-1725*
- model ref. systs., ident. and adaptive control, stabil. theorem. *Silveira, H.M., T-AC Oct 99 1947-1950*
- neural state estimator with bounded errors for nonlin. systs. *Alessandri, A., +, T-AC Nov 99 2028-2042*
- nonlin. discrete-time syst. Kalman observer. *Boutayeb, M., +, T-AC Aug 99 1550-1556*
- nonlin. parameterized systs., adaptive estim./control. *Ai-Poh Loh, +, T-AC Sep 99 1634-1652*
- observer design for lin. time-varying systs., LSA. *Min-Shin Chen, +, T-AC Sep 99 1742-1745*
- optim., ordinal, using goal softening. *Loo Hay Lee, +, T-AC Jan 99 94-99*
- polynomials/transfer fns., value set constr., adaptive ang. sweep algm. *Wilson, B.H., +, T-AC Mar 99 551-555*
- reduced-order filter parametrization/optim. *Lihua Xie, +, T-AC Feb 99 418-422*
- sinusoidal sig., globally convergent freq. estimator. *Liu Hsu, +, T-AC Apr 99 698-713*
- state estim., Kalman filter, central limit theorem. *Aliev, F.A., +, T-AC Oct 99 1905-1909*
- strict feedback nonlin. systs., param. convergence. *Jung-Shan Lin, +, T-AC Jan 99 89-94*
- unknown discrete-time nonlin. fading memory syst., nonparametric output prediction. *Kulkarni, S.R., +, T-AC Jan 99 29-37*
- Convergence of numerical methods**
- bounded error param. estim., seq. analytic center approach. *Bai, E.-W., +, T-AC Jun 99 1107-1117*
- Kiefer-Wolfowitz algm. with randomized differences. *Chen, H.F., +, T-AC Mar 99 442-453*
- neural network approx. scheme effectiveness. *Dingankar, A.T., T-AC Nov 99 2043-2044*
- optimal stopping of Markov procs., finance appl. *Tsitsiklis, J.N., +, T-AC Oct 99 1840-1851*
- output nonlin., RLS algm. compensation. *Wigren, T., +, T-AC Oct 99 1913-1918*
- perturb. stochastic approx., convergence rate. *Gerencser, L., T-AC May 99 894-905*
- robust parametric ident., convergent algm. *Shuning Wang, +, T-AC Jun 99 1282-1286*
- Convergence of numerical methods; cf. Numerical stability**
- Convex programming**
- affine problem, discrete-time optimal control appl. *Yu-Hong Zhou, +, T-AC Apr 99 826-829*
- LQ stochastic control, integral quadratic constraints. *Lim, A.E.B., +, T-AC Jul 99 1359-1369*
- Cooperative systems**
- multi-DOF cooperating manipulators impact model/control. *Indri, M., +, T-AC Jun 99 1297-1303*
- Costing**
- mfg. flow control av. cost minimization. *Veatch, M.H., +, T-AC Apr 99 779-783*
- optimal stopping of Markov procs., finance appl. *Tsitsiklis, J.N., +, T-AC Oct 99 1840-1851*
- Cost optimal control**
- induction motor drives, current-fed, optimal torque control. *Canudas de Wit, C., +, T-AC May 99 1084-1089*
- Covariance analysis**
- model reduction, regional pole/covariance realizations. *Zidong Wang, +, T-AC Oct 99 1889-1893*
- observer design for lin. time-varying systs., LSA. *Min-Shin Chen, +, T-AC Sep 99 1742-1745*
- rational transfer fn. ident. from truncated autocovariance. *Desbouvries, F., +, T-AC May 99 1078-1081*
- Covariance matrices**
- continuous-time uncertain systs., Markovian jumping params., Kalman filtering. *Peng Shi, +, T-AC Aug 99 1592-1597*
- discrete alg. Lyapunov eqn. matrix bounds. *Tippett, M.K., +, T-AC Jan 99 214-218*
- discrete time nonlin. syst. ident., Kalman filter. *Glielmo, L., +, T-AC Aug 99 1546-1549*
- indirect adaptive periodic control. *Dimogianopoulos, D., +, T-AC Dec 99 2308-2312*

D

Damping

space struct., degrees of controllability/observability. *Williams, T., +, T-AC Sep 99 1791-1795*

Data handling; cf. Symbol manipulation

Decentralized control

adaptive control of nonlin. systs. using neural nets. *Spooner, J.T., +, T-AC Nov 99 2050-2057*

adaptive regulation with unknown HF-gain signs. *Ye Xudong, T-AC Nov 99 2072-2076*

DES decentralized supervisory control. *Takai, S., T-AC Jul 99 1441-1444*

dyn. decentralized robust output feedback control. *Geromel, J.C., +, T-AC Jul 99 1449-1454*

interconnected syst. decentralized MRAC design. *Changyun Wen, +, T-AC Jul 99 1464-1469*

nonlin. systs., decentralized H_∞ -controller design. *Guang-Hong Yang, +, T-AC Mar 99 578-583*

output feedback control problems, sufficient LMI conditions. *Crusius, C.A.R., +, T-AC May 99 1053-1057*

robot arm decentralized nonlin. adaptive tracking. *Ming Liu, T-AC Feb 99 357-363*

seq. min.-phase systs., decentralized control. *Johansson, K.H., +, T-AC Oct 99 1909-1913*

sing. syst. regularization, decentralized output feedback. *Wang, D., +, T-AC Jan 99 148-152*

symmetric composite systs., fault tolerant decentralized H_∞ control. *Shoudong Huang, +, T-AC Nov 99 2108-2114*

Decision theory

controlled Markov chains, recurrence condition, steering policies. *Dye-Jyun Ma, +, T-AC Aug 99 1583-1587*

Markov control procs., sample-path av. optimality. *Lasserre, J.B., T-AC Oct 99 1966-1971*

Markov decision proc., constrained 2-factor dyn. prog. *Feinberg, E.A., +, T-AC Mar 99 628-631*

neural networks in control, identification, and decision making (special section). *T-AC Nov 99 1993-2057*

neural networks in control, identification, and decision making, special section intro. *Lemma, M.D., +, T-AC Nov 99 1993-1994*

parallel exponential heterog. servers, static customer assignment. *Koole, G., T-AC Aug 99 1588-1592*

Delay-differential systems

scalar delay differential inequalities, quantitat. anal. *Chunhai Hou*, +, *T-AC Feb 99* 334-336

Delay estimation

delay estim. using low-complexity exhaustive search. *Carlemalm, C.*, +, *T-AC May 99* 1031-1037

Delays

adaptive continuous-time LQG control. *Duncan, T.E.*, +, *T-AC Sep 99* 1653-1662

H_∞ filtering for continuous-time delayed lin. systs. *Pila, A.W.*, +, *T-AC Jul 99* 1412-1417

Markovian jump discrete-time syst. control with delay. *Peng Shi*, +, *T-AC Nov 99* 2139-2144

reduced-order observers without internal delays, design. *Darouach, M.*, +, *T-AC Sep 99* 1711-1713

robust perform., mixed sensitivity, param. space method. *Besson, V.*, +, *T-AC Jun 99* 1272-1276

Delays; cf. Delay estimation**Delay systems**

first-order optimal reduced-delay sample-data holds. *Leonard, F.*, *T-AC Jul 99* 1446-1449

lin. delay syst. asymptotic stabil. *Kolmanovskii, V.B.*, +, *T-AC May 99* 984-989

lin. delay syst. robust stabil. comment. *Ooba, T.*, +, *T-AC Aug 99* 1582-1583

lin. syst. integral control with actuator nonlin. *Logemann, H.*, +, *T-AC Jun 99* 1315-1319

optimal robust control, Bezout factors. *Bonnet, C.*, +, *T-AC Aug 99* 1512-1521

perturbed discrete time-delay large scale systs., stabilization and state estim. *Mahmoud, M.S.*, +, *T-AC Aug 99* 1632

time invariant uncertain delay syst. stabil. criterion. *PooGyeon Park*, *T-AC Apr 99* 876-877

uncertain delay syst. memoryless lin. tracking control. *Oucheriah, S.*, *T-AC Jul 99* 1473-1477

Delay systems; cf. Delay-differential systems**Diagrams; cf. Bode diagrams****Difference equations**

assembly job flow control, stochastic timed-event graphs. *Ayhan, H.*, +, *T-AC Apr 99* 864-868

Differential equations

behavioral based H_∞ control, full inform. case. *Trentelman, H.L.*, +, *T-AC Mar 99* 521-536

controllability/observability, weak, robust, uncertainty. *Savkin, A.V.*, +, *T-AC May 99* 1037-1041

fractional-order syst. $PI^D D^m$ -controllers. *Podlubny, I.*, *T-AC Jan 99* 208-214

matrix second-order systs., stabil. issues. *Diwekar, A.M.*, +, *T-AC Sep 99* 1773-1777

mech. systs. with friction, Caratheodory solns. *Seung-Jean Kim*, +, *T-AC Nov 99* 2086-2089

min. cost variance control problems, coupled matrix Riccati eqns. *Freiling, G.*, +, *T-AC Mar 99* 556-560

nonlin. state obs. by H_∞ -filtering Riccati design. *Reif, K.*, +, *T-AC Jan 99* 203-208

scalar delay differential inequalities, quantitat. anal. *Chunhai Hou*, +, *T-AC Feb 99* 334-336

Differential equations; cf. Fokker-Planck equation; Nonlinear differential equations; Partial differential equations

Differential geometry

flat nonlin. syst. Lie-Backlund equivalence. *Fliess, M.*, +, *T-AC May 99* 922-937

Differentiation

lin. stochastic systs., sampling and param. estim. *Duncan, T.E.*, +, *T-AC Nov 99* 2120-2125

Diffusion

LQ stochastic control, integral quadratic constraints. *Lim, A.E.B.*, +, *T-AC Jul 99* 1359-1369

Digital control

finite-precision PID control, stabil. bound optim. *Chen, S.*, +, *T-AC Nov 99* 2149-2153

multirate digital control systs., qualitat. props. *Bo Hu*, +, *T-AC Apr 99* 765-770

multirate sampled-data syst. H_∞ suboptimal control. *Li Qin*, +, *T-AC Mar 99* 537-550

pulse transfer fn., word length for small sampling periods. *Gessing, R.*, *T-AC Sep 99* 1760-1764

Digital filters; cf. Recursive filters**Digital systems; cf. Real-time systems****Directed graphs; cf. Petri nets****Discrete event systems**

completely controlled Petri nets, liveness, supervisory policies synthesis. *Sreenivas, R.S.*, *T-AC Jun 99* 1221-1225

controlled Petri net liveness supervisory policy. *Sreenivas, R.S.*, *T-AC Jan 99* 173-177

decentralized supervisory control. *Takai, S.*, *T-AC Jul 99* 1441-1444

obj.-oriented syst. modeling/control. *Shayman, M.A.*, +, *T-AC Oct 99* 1864-1869

probabilistic discrete-event systs. with recovery, supervisory control. *Yonghua Li*, +, *T-AC Oct 99* 1971-1975

serial transfer lines with machine/buffer failure, steady-state perform. anal. *Lipset, R.*, +, *T-AC Feb 99* 319-325

stochastic discrete-event systs., probabilistic lang. formalism. *Garg, V.K.*, +, *T-AC Feb 99* 280-293

stochastic systs., rational interpolation, convergence. *Nananukul, S.*, +, *T-AC May 99* 1070-1073

supervisory robust control. *Cury, J.E.R.*, +, *T-AC Feb 99* 376-379

timed-event graphs, greatest lin. feedback synthesis. *Cottenceau, B.*, +, *T-AC Jun 99* 1258-1262

Discrete Fourier transforms

uncertain LTI syst. ident., coprime factor modeling. *Guoxiang Gu*, *T-AC Aug 99* 1498-1511

Discrete systems

controllability, constrained, time-varying discrete systems. *Benzaid, Z.*, *T-AC Mar 99* 608-612

discrete stochastic control, Wiener/polynomial systs. *Grimble, M.J.*, *T-AC Nov 99* 2125-2130

discrete time-invariant systs., receding horizon Kalman FIR filter. *Wook Hyun Kwon*, +, *T-AC Sep 99* 1787-1791

time-varying discrete Riccati eqn., stabilisability. *Ionescu, V.*, *T-AC Nov 99* 2158-2163

Discrete systems; cf. Discrete event systems; Discrete time systems; Sampled data systems**Discrete time filters**

finite-dimens. risk-sensitive filters, smoothers. *Dey, S.*, +, *T-AC Jun 99* 1234-1239

Discrete time systems

2-DOF set-point discrete time supervisory controller. *Borrelli, D.*, +, *T-AC Jan 99* 178-181

adaptive nonlin. control, fund. limitations. *Liang-Liang Xie*, +, *T-AC Sep 99* 1777-1782

affine problem, discrete-time optimal control appl. *Yu-Hong Zhou*, +, *T-AC Apr 99* 826-829

alg. Riccati eqn., efficient algm. *Lu, L.-Z.*, +, *T-AC Jun 99* 1216-1220

bilinear systs., input-output form, stabil. props. and periodic evol. *Fornasini, E.*, +, *T-AC Jun 99* 1197-1202

book review: Linear System (Antsaklis, P.J., and Michel, A.N.; 1997). *Djaferis, T.E.*, *T-AC Jun 99* 1320-1321

continuous-time syst. digital redesign, Laplace transform. *Rosenvasser, Ye.N.*, +, *T-AC Apr 99* 883-886

dead-beat controllers and stabilizability. *Nesic, D.*, +, *T-AC Nov 99* 2068-2071

decouplable MIMO syst. limiting zeros. *Weller, S.R.*, *T-AC Jan 99* 129-134

descriptor systs., Lyapunov/Riccati eqns. *Liqian Zhang*, +, *T-AC Nov 99* 2134-2139

diamond polynomial family, robust stabil., extreme point results, discrete time counterparts. *Hwan Il Kang*, *T-AC Aug 99* 1613-1615

discrete time model ref. systs., ident. and adaptive control, stabil. theorem. *Silveira, H.M.*, *T-AC Oct 99* 1947-1950

EKF, stochastic stabil. *Reif, K.*, +, *T-AC Apr 99* 714-728

finite degree discrete Volterra syst. I/O rep. *Kotsios, S.*, *T-AC Jul 99* 1460-1464

finite-dimens. filters for lin. model param. estim. *Elliott, R.J.*, +, *T-AC May 99* 938-951

H_2/H_1 scalar mixed control, approx. *Jun Wu*, +, *T-AC Oct 99* 1869-1874

H_∞ filters/predictors, convergence conditions. *Bolzern, P.*, +, *T-AC Aug 99* 1564-1568

inverse control based neural network controllers. *Cabrera, J.B.D.*, +, *T-AC Nov 99* 2007-2027

lin., discrete-time approx., under output feedback. *Barbot, J.P.*, +, *T-AC Sep 99* 1729-1733

lin. discrete-time SISO systs., I_1 uncertainties, robust stabil. and design. *Polyak, B.T.*, +, *T-AC Nov 99* 2076-2080

lin. discrete-time systs. Kalman filtering. *Nikoukhan, R.*, +, *T-AC Oct 99* 1829-1839

lin. discrete-time systs., saturating controls, polyhedral regions of local stabil. *da Silva, J.M.G., Jr.*, +, *T-AC Nov 99* 2081-2085

lin. discrete-time systs., state and control constraints, design techs. *Bitsoris, G.*, +, *T-AC May 99* 1057-1061

lin. discrete-time syst. state observers. *Valcher, M.E.*, *T-AC Feb 99* 397-401

lin. discrete-time uncertain syst. robust H_∞ control. *Peng Shi*, +, *T-AC Jan 99* 108-111

lin. ω -periodic discrete-time systs., robust disturbance-rejection problems. *Shiomi, K.*, +, *T-AC Aug 99* 1615-1620

lin. syst., harmonic disturbances, optimal tracking, universal regulators. *Lindquist, A.*, +, *T-AC Sep 99* 1688-1704

lin. time-varying delta-operator formulated discrete-time systs., robust stabil. *Molchanov, A.P.*, +, *T-AC Feb 99* 325-327

lin. time-varying systs., Gabor transform, exact representation and approx. *Rotstein, H.*, +, *T-AC Apr 99* 729-741

I_1/H_∞ optimal control, finite-dimens. discrete-time syst. *Rotstein, H.*, +, *T-AC Jun 99* 1240-1243

LTI discrete-time state observers unification. *Ploix, S.*, +, *T-AC Feb 99* 422-426

Markov control procs., sample-path av. optimality. *Lasserre, J.B.*, *T-AC Oct 99* 1966-1971

Markovian jump discrete-time syst. control with delay. *Peng Shi*, +, *T-AC Nov 99* 2139-2144

mixed time/freq. robust ident. parametric extension. *Panrilo, P.A.*, +, *T-AC Feb 99* 364-369

model reduction, freq.-weighted, via quasi-Kalman decomp. *Diab, M.*, +, *T-AC Jan 99* 139-144

neural state estimator with bounded errors for nonlin. systs. *Alessandri, A.*, +, *T-AC Nov 99* 2028-2042

nonaffine nonlin. syst. min. phase props. *Nesic, D.*, +, *T-AC Apr 99* 868-872

nonlin. discrete-time deadbeat control, global stabil. *Bastin, G.*, +, *T-AC Jun 99* 1262-1266

nonlin. discrete time syst. ident., Kalman filter. *Glielmo, L.*, +, *T-AC Aug 99* 1546-1549

nonlin. discrete time syst. induced norm/nonlin. *Yun-Chung Chu*, +, *T-AC Mar 99* 471-483

nonlin. discrete-time syst. Kalman observer. *Boutayeb, M.*, +, *T-AC Aug 99* 1550-1556

nonlin. stochastic discrete-time adaptive predictive control. *Chen Wei*, +, *T-AC Sep 99* 1725-1729

nonlin. stochastic discrete-time syst. anal. via LMI. *Yaz, Y.I.*, +, *T-AC Apr 99* 813-816

null-controllable lin. syst. predictive control. *Casavola, A.*, +, *T-AC Nov 99* 2226-2230

output feedback control problems, sufficient LMI conditions. *Crusius, C.A.R.*, +, *T-AC May 99* 1053-1057

param. estim., constrained logarithmic least sq. *Er-Wei Bai*, +, *T-AC Jan 99* 182-186

periodic descriptor systs., solvability/conditionability. *Sreedhar, J.*, +, *T-AC Feb 99* 310-313

periodic discrete time syst. sing./nonsingular filtering. *Bittanti, S.*, +, *T-AC Jan 99* 222-227

- perturbed discrete time-delay large scale systs., stabilization and state estim. *Mahmoud, M.S.*, +, *T-AC Aug 99* 1632
 pseudo-lin. regression ident. algms. stationary points. *Regalia, P.A.*, +, *T-AC May 99* 994-998
 pulse transfer fn., word length for small sampling periods. *Gessing, R.*, *T-AC Sep 99* 1760-1764
 receding horizon discrete-time state observer. *Ling, K.V.*, +, *T-AC Sep 99* 1750-1753
 repeated scalar nonlin. syst. stabilization/synthesis. *Yun-Chung Chu*, +, *T-AC Mar 99* 484-496
 robust fault detect., parity rel.-based residual generation. *Ding, X.*, +, *T-AC Feb 99* 337-343
 robust MRAC param. update. *Tao, G.*, *T-AC Jan 99* 186-190
 sampled data syst. cheap control, sing. perturb. *Popescu, D.C.*, +, *T-AC Nov 99* 2209-2214
 sampled-data syst. discrete-time model. *Blachuta, M.J.*, *T-AC Jan 99* 134-139
 sing. perturbed discrete time systs., exact stabil. bound. *Tzuo-Hseng S. Li*, +, *T-AC Oct 99* 1934-1938
 sing. stochastic discrete-time syst. filtering/prediction. *Huanshui Zhang*, +, *T-AC Nov 99* 2154-2158
 sliding mode discrete-time syst. stabil., comments. *Westphal, L.C.*, *T-AC Jul 99* 1444-1445
 struct. polynomial systs., controllability anal. *Nesic, D.*, +, *T-AC Apr 99* 761-764
 uncertain lin. sing. systs., output feedback control, robustness anal. *Lin, J.L.*, +, *T-AC Oct 99* 1924-1929
 uncertain lin. stochastic syst. quadratic filtering. *Carravetta, F.*, +, *T-AC Jun 99* 1287-1292
 unknown discrete-time nonlin. fading memory syst., nonparametric output prediction. *Kulkarni, S.R.*, +, *T-AC Jan 99* 29-37
Discrete transforms; cf. Discrete Fourier transforms; Discrete wavelet transforms
Discrete wavelet transforms
 target tracking, multirate interact. multiple model filtering. *Lang Hong*, *T-AC Jul 99* 1326-1340
Distillation
 bilinear systs. subj. to white inputs, subspace ident. *Favoreel, W.*, +, *T-AC Jun 99* 1157-1165
Distributed algorithms; cf. Parallel algorithms
Distributed parameter systems
 lin. delay syst. asymptotic stabil. *Kolmanovskii, V.B.*, +, *T-AC May 99* 984-989
 reduced-order models/control, approx. prediction. *Leland, R.P.*, *T-AC Mar 99* 623-627
Duality (mathematics)
 duality in multiplier-based robustness anal. *Jonsson, U.*, *T-AC Dec 99* 2246-2256
 lin. time-varying sing. systs., controllability. *Chi-Jo Wang*, *T-AC Oct 99* 1901-1905
 LQ stochastic control, integral quadratic constraints. *Lim, A.E.B.*, +, *T-AC Jul 99* 1359-1369
 l^1 -optimal control and dual LP, multiple solns. *Alpay, M.E.*, +, *T-AC May 99* 1089-1093
 suboptimal multistage dual control using optimal predictors. *Maitelli, A.L.*, +, *T-AC May 99* 1002-1008
Dynamic programming
 continuous-time nonlin. stochastic dyn. syst., max. likelihood state estim., Mortensen eqn. *Aihara, S.*, +, *T-AC Oct 99* 1955-1961
 Markov decision proc., constrained 2-factor dyn. prog. *Feinberg, E.A.*, +, *T-AC Mar 99* 628-631
 mfg. flow control av. cost minimization. *Veatch, M.H.*, +, *T-AC Apr 99* 779-783
 nonlin. syst., worst case anal. *Fialho, I.J.*, +, *T-AC Jun 99* 1180-1196
 optimal stopping of Markov procs., finance appl. *Tsitsiklis, J.N.*, +, *T-AC Oct 99* 1840-1851
 parallel exponential heterog. servers, static customer assignment. *Koole, G.*, *T-AC Aug 99* 1588-1592
 seq. sampling problem, optimal index policy. *Castanon, D.*, +, *T-AC Jan 99* 145-148
 Shiriyayev seq. probab. ratio test, fault detect. *Malladi, D.P.*, +, *T-AC Aug 99* 1522-1534
 two-stage prod. syst., coord. QC. *Yao, D.D.*, +, *T-AC Jun 99* 1166-1179
Dynamic response; cf. Transient response
Dynamics
 automotive act. suspen. syst. robust H^∞ feedback control. *Hayakawa, K.*, +, *T-AC Feb 99* 392-396
 autonomous underwater vehicle time-varying stabilization. *Pettersen, K.Y.*, +, *T-AC Jan 99* 112-115
 continuous-time syst. piecewise lin. constrained control. *Benzaouia, A.*, +, *T-AC Jul 99* 1477-1481
 FIFO fluid networks diverging paths. *Dumas, V.*, *T-AC Jan 99* 191-194
 nonaffine nonlin. syst. min. phase props. *Nesic, D.*, +, *T-AC Apr 99* 868-872
 nonlin. control syst. unmodeled dyn. robustness. *Youping Zhang*, +, *T-AC Jan 99* 119-124
 repetitive vibr. cancellation, Chaplin-Smith's patent. *Bodson, M.*, *T-AC Nov 99* 2221-2225
Dynamics; cf. Robot dynamics
- E**
- Eigenvalues and eigenfunctions**
 continuous-time syst. piecewise lin. constrained control. *Benzaouia, A.*, +, *T-AC Jul 99* 1477-1481
 discrete alg. Lyapunov eqn. matrix bounds. *Tippett, M.K.*, +, *T-AC Jan 99* 214-218
 high-perform. state feedback, robust, and output feedback stabilizing control, systematic design algm. *Chia-Chi Tsui*, *T-AC Mar 99* 560-563
 LQ control with eigenvalue placement in vert. strip. *Koshkouei, A.J.*, +, *T-AC Jul 99* 1417-1419
 LQ stochastic control, integral quadratic constraints. *Lim, A.E.B.*, +, *T-AC Jul 99* 1359-1369
 LTI MIMO syst. stabilizing control with integral action. *Gundes, A.N.*, +, *T-AC Jan 99* 116-119
 matrices, compact convex set spectrum, for robustness anal. *Monov, V.V.*, *T-AC May 99* 1009-1012
 optimal eigenvalue assignment, 2 seq. stage method. *Iracleous, D.P.*, +, *T-AC Sep 99* 1746-1749
 perturb. stochastic approx., convergence rate. *Gerencser, L.*, *T-AC May 99* 894-905
 uncertain systs., robust stabil. margin, guaranteed lower bound computation. *Balakrishnan, V.*, +, *T-AC Nov 99* 2185-2190
Electrical faults; cf. Fault location
Electric vehicles
 nonlin. control syst. wavelet-based ident. *Sureshbabu, N.*, +, *T-AC Feb 99* 412-417
Electron device manufacture; cf. Integrated circuit manufacture; Semiconductor device manufacture
Engineering; cf. Mechanical engineering
Engines; cf. Internal combustion engines
Entropy; cf. Maximum entropy methods; Minimum entropy methods
Equations; cf. Difference equations; Differential equations; Functional equations; Integral equations; Lyapunov matrix equations; Nonlinear equations; Riccati equations
Equivalence classes
 lin. continuous time-varying systs., poles and zeros at infinity. *Bowles, H.*, +, *T-AC Oct 99* 1981-1985
Errors
 neural state estimator with bounded errors for nonlin. systs. *Alessandri, A.*, +, *T-AC Nov 99* 2028-2042
Errors; cf. Roundoff errors
Error statistics
 changepoint problem, perform. anal. *Hibey, J.L.*, +, *T-AC Aug 99* 1628-1632
 robust estim. with unknown noise stats. *Durovic, Z.M.*, +, *T-AC Jun 99* 1292-1296
Estimation theory
 class. of four-dimensional estim. algebras. *Yau, S.S.T.*, +, *T-AC Dec 99* 2312-2318
Estimation theory; cf. Adaptive estimation; Frequency estimation; Maximum likelihood estimation; Recursive estimation
Etching; cf. Sputter etching
Extrapolation
 first-order optimal reduced-delay sample-data holds. *Leonard, F.*, *T-AC Jul 99* 1446-1449
- F**
- Factory automation; cf.** Flexible manufacturing systems; Industrial control
Fast fourier transforms; cf. Discrete Fourier transforms
Fault diagnosis
 abrupt change detect. in sigs./control syst. *Tze Leung Lai*, +, *T-AC May 99* 952-966
 automotive engine fault detect. by model based probabilistic approach. *Dinca, L.*, +, *T-AC Nov 99* 2200-2205
 dyn. syst. fault diagnosis, freq. domain optim. *Sauter, D.*, +, *T-AC Apr 99* 878-882
 robust fault detect., parity rel.-based residual generation. *Ding, X.*, +, *T-AC Feb 99* 337-343
 Shiriyayev seq. probab. ratio test, fault detect. *Malladi, D.P.*, +, *T-AC Aug 99* 1522-1534
Fault location
 continuous-time nonlin. hybrid syst. densities, appl. *Hibey, J.L.*, +, *T-AC Nov 99* 2164-2169
 nonlin. systs., observer-based fault detect./isolation. *Hammouri, H.*, +, *T-AC Oct 99* 1879-1884
Fault tolerance
 symmetric composite systs., fault tolerant decentralized H_∞ control. *Shoudong Huang*, +, *T-AC Nov 99* 2108-2114
Feedback
 2-DOF set-point discrete time supervisory controller. *Borrelli, D.*, +, *T-AC Jan 99* 178-181
 automotive act. suspen. syst. robust H^∞ feedback control. *Hayakawa, K.*, +, *T-AC Feb 99* 392-396
 autonomous underwater vehicle time-varying stabilization. *Pettersen, K.Y.*, +, *T-AC Jan 99* 112-115
 book review; Robust and Optimal Control (Zhou, K., et al.; 1995). *Ozcelik, S.*, *T-AC Mar 99* 664-665
 chained form nonholonomic systs., tracking control, recursive tech. *Zhong-Ping Jiang*, +, *T-AC Feb 99* 265-279
 commun. bandwidth constrained systs., stabilization with limited inform. feedback. *Wing Shing Wong*, +, *T-AC May 99* 1049-1053
 constrained mech. systs., impact modeling and control. *Tornambe, A.*, *T-AC Feb 99* 294-309
 continuous-time nonlin. syst., worst case anal. *Fialho, I.J.*, +, *T-AC Jun 99* 1180-1196
 continuous-time syst. digital redesign, Laplace transform. *Rosenvasser, Ye.N.*, +, *T-AC Apr 99* 883-886
 decentralized adaptive control of nonlin. systs. using neural nets. *Spooner, J.T.*, +, *T-AC Nov 99* 2050-2057
 descriptor syst. output feedback regularization. *Chu, D.L.*, +, *T-AC Feb 99* 405-412
 discrete-time lin. syst., harmonic disturbances, optimal tracking, universal regulators. *Lindquist, A.*, +, *T-AC Sep 99* 1688-1704
 disturbance atten. under input saturation, matrices. *Nguyen, T.*, +, *T-AC Apr 99* 852-857
 dyn. decentralized robust output feedback control. *Geromel, J.C.*, +, *T-AC Jul 99* 1449-1454
 dyn. state feedback control struct. *Bazanella, A.S.*, +, *T-AC Mar 99* 588-592
 feedforward nonlin. systs., logic-based switching adaptive stabilization. *Ye Xudong*, *T-AC Nov 99* 2174-2178
 finite bandwidth feedback systs., disturbance rejection limitations. *Davison, D.E.*, +, *T-AC Jun 99* 1132-1144

- finite-dimens. nonlin. output feedback dyn. games, sector bounded nonlin. Charalambous, C.D., +, *T-AC Sep 99* 1753-1759
- flat nonlin. syst. Lie-Backlund equivalence. Fliess, M., +, *T-AC May 99* 922-937
- high-gain stabilizable systs., adaptive sampling control. Ilchmann, A., +, *T-AC Oct 99* 1961-1966
- induction motor drives, current-fed, optimal torque control. Canudas de Wit, C., +, *T-AC May 99* 1084-1089
- induction motor global adaptive output feedback control. Marino, R., +, *T-AC May 99* 967-983
- interconnected syst. decentralized MRAC design. Changyun Wen, +, *T-AC Jul 99* 1464-1469
- I-O methods/stabilizability of unbounded control/obs. systs. Morris, K.A., *T-AC Jan 99* 81-85
- lin., discrete-time approx., under output feedback. Barbot, J.P., +, *T-AC Sep 99* 1729-1733
- lin.-in-the-params. feedback lin. systs., switching adaptive controller. Kosmatopoulos, E.B., +, *T-AC Apr 99* 742-750
- lin. SISO systs., freq.-domain ident., arbitrary excitations and nonparametric noise model. Schoukens, J., +, *T-AC Feb 99* 343-347
- lin. systs. over principal ideal domain, feedback invariance props. Assan, J., +, *T-AC Aug 99* 1624-1628
- LQ control with eigenvalue placement in vert. strip. Koshkouei, A.J., +, *T-AC Jul 99* 1417-1419
- LTI MIMO syst. stabilizing control with integral action. Gundes, A.N., +, *T-AC Jan 99* 116-119
- MIMO 3D lin. systs., feedback stabilization. Zhiping Lin, *T-AC Oct 99* 1950-1955
- multirate digital control systs., qualit. props. Bo Hu, +, *T-AC Apr 99* 765-770
- nonlin. almost periodic systs., state-space approach. Seung Jean Kim, +, *T-AC Jan 99* 66-70
- nonlin. control syst. unmodeled dyn. robustness. Youping Zhang, +, *T-AC Jan 99* 119-124
- nonlin. feedback syst. stabil. condition. Hagiwara, T., +, *T-AC Aug 99* 1573-1577
- nonlin. input affine systs., H_∞ tracking control. Ball, J.A., +, *T-AC Jun 99* 1202-1206
- nonlin. stochastic discrete-time adaptive predictive control. Chen Wei, +, *T-AC Sep 99* 1725-1729
- nonlin. strict feedback systs., param. convergence. Jung-Shan Lin, +, *T-AC Jan 99* 89-94
- nonlin. syst. limits; Bode integrals/cheap control. Serua, M.M., +, *T-AC Apr 99* 829-833
- nonlin. syst. noninteracting control via static feedback. Battilotti, S., *T-AC Apr 99* 774-779
- nonlin. systs., disturbance decoupling by meas. feedback. Xia, X., +, *T-AC Jul 99* 1425-1429
- nonlin. systs., lin. blocks/static nonlin., ident. Vandersteen, G., +, *T-AC Jun 99* 1266-1271
- observable min. phase SISO nonlin. systs., time-varying params., adaptive output feedback control. Marino, R., +, *T-AC Nov 99* 2190-2194
- output feedback control problems, sufficient LMI conditions. Crusius, C.A.R., +, *T-AC May 99* 1053-1057
- output feedback robust stabilization of uncertain lin. systs. with saturating controls. Henrion, D., +, *T-AC Nov 99* 2230-2237
- periodically time-varying syst. static output feedback. Min-Shin Chen, +, *T-AC Jan 99* 218-222
- repetitive vibr. cancellation, Chaplin-Smith's patent. Bodson, M., *T-AC Nov 99* 2221-2225
- robot arm decentralized nonlin. adaptive tracking. Ming Liu, *T-AC Feb 99* 357-363
- robust control with integral action/limited rate control. Cavallo, A., +, *T-AC Aug 99* 1569-1572
- single-part-type mfg. systs. optimal hedging points. Xin-Zhen Yu, +, *T-AC Feb 99* 379-382
- sing. syst. regularization, decentralized output feedback. Wang, D., +, *T-AC Jan 99* 148-152
- SISO uncertain nonlin. systs., global output feedback controls, almost disturbance decoupling. Marino, R., +, *T-AC Jan 99* 18-28
- smooth nonlin. syst. feedback stabilization. Outbib, R., +, *T-AC Jan 99* 200-202
- spacecraft, inverse optimal stabilization, feedback constr. Krstic, M., +, *T-AC May 99* 1042-1049
- stabilization of feedback lin. systs. by neural net. Kwanghee Nam, *T-AC May 99* 1026-1031
- stable suboptimal H^∞ controller synthesis. Zeren, M., +, *T-AC Feb 99* 431-435
- stochastic nonlin. continuous-time systs., global output-feedback stabilization. Hua Deng, +, *T-AC Feb 99* 328-333
- strictly pos. real systs., design using const. output feedback. Huang, C.-H., +, *T-AC Mar 99* 569-573
- struct. polynomial systs., controllability anal. Nesic, D., +, *T-AC Apr 99* 761-764
- timed-event graphs, greatest lin. feedback synthesis. Cotteceau, B., +, *T-AC Jun 99* 1258-1262
- time-varying nonlin. systs., unified stabil. anal. Chun-Bo Feng, +, *T-AC May 99* 998-1002
- time varying systs., input-to-state stabil., partial-static feedback stabilization, asymptotic tracking. Tsinnias, J., +, *T-AC Nov 99* 2179-2184
- uncertain lin. sing. systs., output feedback control, robustness anal. Lin, J.L., +, *T-AC Oct 99* 1924-1929
- Volterra systs., feedback, small gain theorem/anal. Qingsheng Zheng, +, *T-AC Mar 99* 635-640
- Feedback; cf. State feedback**
- Feedforward**
- cascaded nonlin. systs., stable, Lyapunov fns., global stabilization. Mazenc, F., +, *T-AC Sep 99* 1795-1800
- nonlin. input affine systs., H_∞ tracking control. Ball, J.A., +, *T-AC Jun 99* 1202-1206
- nonlin. systs., logic-based switching adaptive stabilization. Ye Xudong, *T-AC Nov 99* 2174-2178
- robust H_∞ control design, feedforward compensators. Giusto, A., +, *T-AC Aug 99* 1578-1582
- sampled-data syst. discrete-time model. Blachuta, M.J., *T-AC Jan 99* 134-139
- Feedforward neural nets; cf. Radial basis function networks**
- Filtering theory**
- bilinear systs. subj. to white inputs, subspace ident. Favoreel, W., +, *T-AC Jun 99* 1157-1165
- changepoint problem, perform. anal. Hibey, J.L., +, *T-AC Aug 99* 1628-1632
- class. of four-dimensional estim. algebras. Yau, S.S.T., +, *T-AC Dec 99* 2312-2318
- clustering adaptive nonlin. filters efficient algm. Lainiotis, D.G., +, *T-AC Jul 99* 1454-1459
- continuous-time nonlin. hybrid syst. densities. Hibey, J.L., +, *T-AC Nov 99* 2164-2169
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- continuous-time uncertain systs., Markovian jumping params., Kalman filtering. Peng Shi, +, *T-AC Aug 99* 1592-1597
- dead-time compensators, robust tuning. Normey-Rico, J.E., +, *T-AC Aug 99* 1597-1603
- discrete-time EKF, stochastic stabil. Reif, K., +, *T-AC Apr 99* 714-728
- discrete time-invariant systs., receding horizon Kalman FIR filter. Wook Hyun Kwon, +, *T-AC Sep 99* 1787-1791
- doubly stochastic AR model exact filter. Evans, J., +, *T-AC Apr 99* 794-798
- drifting sens. gain nonlin. filtering/observers. Vincent, T.L., +, *T-AC Mar 99* 509-520
- dyn. syst. fault diagnosis, freq. domain optim. Sauter, D., +, *T-AC Apr 99* 878-882
- finite-dimens. filters for lin. model param. estim. Elliott, R.J., +, *T-AC May 99* 938-951
- finite-dimens. nonlin. output feedback dyn. games, sector bounded nonlin. Charalambous, C.D., +, *T-AC Sep 99* 1753-1759
- finite-dimens. risk-sensitive filters, smoothers. Dey, S., +, *T-AC Jun 99* 1234-1239
- first-order optimal reduced-delay sample-data holds. Leonard, F., *T-AC Jul 99* 1446-1449
- H_∞ filtering for continuous-time delayed lin. systs. Pila, A.W., +, *T-AC Jul 99* 1412-1417
- H_∞ filters/predictors, convergence conditions. Bolzern, P., +, *T-AC Aug 99* 1564-1568
- LTI syst. fixed-order control. Iwasaki, T., *T-AC Apr 99* 783-788
- nonlin. filters with white noise, rep. result. Mazumdar, R.R., +, *T-AC Jan 99* 124-129
- nonlin. nonnormal filter using rejection sampling. Tanizaki, H., *T-AC Feb 99* 314-319
- nonlin. state obs. by H_∞ -filtering Riccati design. Reif, K., +, *T-AC Jan 99* 203-208
- periodic discrete time syst. sing./nonsingular filtering. Bittanti, S., +, *T-AC Jan 99* 222-227
- perturbed lin. continuous-time systs., robust H_2/H_∞ -state estim. Zidong Wang, +, *T-AC May 99* 1061-1065
- receding horizon discrete-time state observer. Ling, K.V., +, *T-AC Sep 99* 1750-1753
- reduced-order filter parametrization/optim. Lihua Xie, +, *T-AC Feb 99* 418-422
- robust estim. with unknown noise stats. Durovic, Z.M., +, *T-AC Jun 99* 1292-1296
- sinusoidal sig., globally convergent freq. estimator. Liu Hsu, +, *T-AC Apr 99* 698-713
- stochastic 2nd.-order filter involving coord. transform. Kwanghee Nam, +, *T-AC Mar 99* 603-608
- target tracking, multirate interact. multiple model filtering. Lang Hong, *T-AC Jul 99* 1326-1340
- two-stage Kalman state estimator, optimal soln. Chien-Shu Hsieh, +, *T-AC Jan 99* 194-199
- uncertain lin. stochastic syst. quadratic filtering. Carravetta, F., +, *T-AC Jun 99* 1287-1292
- Filtering theory; cf. Smoothing methods**
- Filters; cf. Adaptive filters; Discrete time filters; FIR filters; Kalman filters; Nonlinear filters; Notch filters; Recursive filters**
- Finance**
- consistency issues for num. methods for variance control appls. to optim. in finance. Kushner, H.J., *T-AC Dec 99* 2283-2296
- Finance; cf. Costing; Investment**
- FIR filters**
- discrete time-invariant systs., receding horizon Kalman FIR filter. Wook Hyun Kwon, +, *T-AC Sep 99* 1787-1791
- lin. continuous-time systs., receding horizon Kalman FIR filter. Wook Hyun Kwon, +, *T-AC Nov 99* 2115-2120
- Flexible manufacturing systems**
- path-clearing/scheduling policies. Burgess, K., +, *T-AC Mar 99* 573-578
- Flexible structures**
- mixed time/freq. robust ident. parametric extension. Panrilo, P.A., +, *T-AC Feb 99* 364-369
- space struct., degrees of controllability/observability. Williams, T., +, *T-AC Sep 99* 1791-1795
- Flight control; cf. Aerospace control**
- Flow control**
- fluid flow mixing control, max. entropy approach. D Alessandro, D., +, *T-AC Oct 99* 1852-1863
- Fluidics**
- FIFO fluid networks diverging paths. Dumas, V., *T-AC Jan 99* 191-194
- Fokker-Planck equation**
- changepoint problem, perform. anal. Hibey, J.L., +, *T-AC Aug 99* 1628-1632
- Force control**
- manipulator adaptive force/posn. tracking control. Villani, L., +, *T-AC Apr 99* 798-802
- manipulators, constrained, force/motion control. Loria, A., +, *T-AC Jul 99* 1407-1412

- mech. systs. with friction, Caratheodory solns. *Seung-Jean Kim*, +, *T-AC Nov 99* 2086-2089
- multi-DOF cooperating manipulators impact model/control. *Indri, M.*, +, *T-AC Jun 99* 1297-1303
- robot impedance control, nondiagonal stiffness. *Caccavale, F.*, +, *T-AC Oct 99* 1943-1946
- Formal languages**
 probabilistic discrete-event systs. with recovery, supervisory control. *Yonghua Li*, +, *T-AC Oct 99* 1971-1975
 safe timed Petri nets, modeling and anal. using heaps of pieces. *Gaubert, S.*, +, *T-AC Apr 99* 683-697
 stochastic discrete-event systs., probabilistic lang. formalism. *Garg, V.K.*, +, *T-AC Feb 99* 280-293
- Formal logic; cf.** Computability; Recursive functions
- Formal verification**
 model validation, time-/freq.-domain meas. *Demin Xu*, +, *T-AC Jul 99* 1435-1441
- Fourier series**
 ident., role of general orthonormal bases. *Ninness, B.*, +, *T-AC Jul 99* 1384-1406
- Fourier transforms**
 one-sided Z-transform/discrete-time FT. *Gera, A.E.*, *T-AC Feb 99* 370-371
- Fourier transforms; cf.** Discrete Fourier transforms
- Frequency domain analysis**
 book review; Identification of Parametric Models from Experimental Data (Walter, E., and Pronzato, L.; 1997). *Godfrey, K.*, *T-AC Dec 99* 2321-2322
 continuous-time systs., robust H_2 anal., convex methods. *Paganini, F.*, *T-AC Feb 99* 239-252
 dyn. syst. fault diagnosis, freq. domain optim. *Sauter, D.*, +, *T-AC Apr 99* 878-882
 mixed time/freq. robust ident. parametric extension. *Panrilo, P.A.*, +, *T-AC Feb 99* 364-369
 model validation, time-/freq.-domain meas. *Demin Xu*, +, *T-AC Jul 99* 1435-1441
 nonlin. feedback syst. stabil. condition. *Hagiwara, T.*, +, *T-AC Aug 99* 1573-1577
 rational approx. model ident., H^∞ , orthonormal basis. *Szabo, Z.*, +, *T-AC Jan 99* 153-158
 robust H_2 perform. anal., freq. domain conditions. *Paganini, F.*, *T-AC Jan 99* 38-49
 robust H_∞ control design, feedforward compensators. *Giusto, A.*, +, *T-AC Aug 99* 1578-1582
 robust perform., mixed sensitivity, param. space method. *Besson, V.*, +, *T-AC Jun 99* 1272-1276
 sliding mode control and chattering reduction, transformed Lure problem. *Ching-Yei Chung, S.*, +, *T-AC Mar 99* 563-568
 uncertain LTI syst. ident., coprime factor modeling. *Guoxiang Gu*, *T-AC Aug 99* 1498-1511
 uncertain syst. robust control/stabil. multipliers. *Yung-Shan Chou*, +, *T-AC May 99* 906-913
- Frequency estimation**
 sinusoidal sig., globally convergent freq. estimator. *Liu Hsu*, +, *T-AC Apr 99* 698-713
- Frequency response**
 first-order optimal reduced-delay sample-data holds. *Leonard, F.*, *T-AC Jul 99* 1446-1449
 lin. syst. integral control with actuator nonlin. *Logemann, H.*, +, *T-AC Jun 99* 1315-1319
 nonlin. systs., lin. blocks/static nonlin., ident. *Vandersteen, G.*, +, *T-AC Jun 99* 1266-1271
 robust perform., mixed sensitivity, param. space method. *Besson, V.*, +, *T-AC Jun 99* 1272-1276
 uncertain LTI syst. ident., coprime factor modeling. *Guoxiang Gu*, *T-AC Aug 99* 1498-1511
- Functional equations**
 continuous-time nonlin. stochastic dyn. syst., max. likelihood state estim., Mortensen eqn. *Aihara, S.*, +, *T-AC Oct 99* 1955-1961
- Function approximation**
 decentralized adaptive control of nonlin. systs. using neural nets. *Spooner, J.T.*, +, *T-AC Nov 99* 2050-2057
 pulse transfer fns. *Blachura, M.J.*, *T-AC Nov 99* 2062-2067
- Functions; cf.** Recursive functions; Transfer functions

G

- Game theory**
 dyn. switching systs., stabil. investig. *Dayawansa, W.P.*, +, *T-AC Apr 99* 751-760
 finite-dimens. nonlin. output feedback dyn. games, sector bounded nonlin. *Charalambous, C.D.*, +, *T-AC Sep 99* 1753-1759
- Gaussian processes**
 doubly stochastic AR model exact filter. *Evans, J.*, +, *T-AC Apr 99* 794-798
 finite-dimens. filters for lin. model param. estim. *Elliott, R.J.*, +, *T-AC May 99* 938-951
 time-varying lin. systs., ident. and adaptive control, achievable perform. bounds. *Ravikanth, R.*, +, *T-AC Apr 99* 670-682
- Geometry**
 robot impedance control, nondiagonal stiffness. *Caccavale, F.*, +, *T-AC Oct 99* 1943-1946
 uncertain lin. systs., generalized (C, A, B)-pairs, param. insensitive disturbance-rejection, dyn. compensator. *Otsuka, N.*, *T-AC Nov 99* 2195-2200
- Geometry; cf.** Differential geometry
- Gradient methods**
 uncertain systs., parametric stabil. margin improvement under pole assignment. *Tingshu Hu*, +, *T-AC Oct 99* 1938-1942
- Graphs; cf.** Bode diagrams
- Graph theory**
 FMS path-clearing/scheduling policies. *Burgess, K.*, +, *T-AC Mar 99* 573-578
 struct. lin. syst. decoupling, state feedback. *Commault, C.*, +, *T-AC Feb 99* 348-352

- Graph theory; cf.** Petri nets; Reachability analysis
- Group theory**
 safe timed Petri nets, modeling and anal. using heaps of pieces. *Gaubert, S.*, +, *T-AC Apr 99* 683-697
- Guaranteed cost control; cf.** Cost optimal control

H

- Hermitian matrices**
 interpolation with degree constraint, trig. polynomials. *Georgiou, T.T.*, *T-AC Mar 99* 631-635
 unconstrained tangential interpolation, recursive method. *Boros, T.*, +, *T-AC Mar 99* 454-470
- Hidden Markov models**
 HMM chains, risk-sensitive optimal control anal. *Hernandez-Hernandez, D.*, +, *T-AC May 99* 1093-1100
- Hierarchical systems**
 sliding mode control and chattering reduction, transformed Lure problem. *Ching-Yei Chung, S.*, +, *T-AC Mar 99* 563-568
- Higgins, Thomas James**
 obituary. *Eslami, M.*, *T-AC Mar 99* 440-441
- Higher order statistics**
 uncertain lin. stochastic syst. quadratic filtering. *Carravetta, F.*, +, *T-AC Jun 99* 1287-1292
- Hilbert spaces**
 NARX model ident. via regularization networks. *De Nicolao, G.*, +, *T-AC Nov 99* 2045-2049
 nonlin. filters with white noise, rep. result. *Mazumdar, R.R.*, +, *T-AC Jan 99* 124-129
 optimal stopping of Markov procs., finance appl. *Tsitsiklis, J.N.*, +, *T-AC Oct 99* 1840-1851
- H^∞ control**
 adaptive internal model control, stable plant H_∞ optim. *Datta, A.*, +, *T-AC Nov 99* 2130-2134
 automotive act. suspen. syst. robust H^∞ feedback control. *Hayakawa, K.*, +, *T-AC Feb 99* 392-396
 behavioral based H_∞ control, full inform. case. *Trentelman, H.L.*, +, *T-AC Mar 99* 521-536
 controllability/observability, weak, robust, uncertainty. *Savkin, A.V.*, +, *T-AC May 99* 1037-1041
 discrete stochastic control, Wiener/polynomial systs. *Grimble, M.J.*, *T-AC Nov 99* 2125-2130
 discrete-time systs., scalar mixed H_2/H_1 approx. *Jun Wu*, +, *T-AC Oct 99* 1869-1874
 gain scheduling, observer state feedback controllers interpolation. *Stilwell, D.J.*, +, *T-AC Jun 99* 1225-1229
 generalized l_2 synthesis, control design framework. *D Andrea, R.*, *T-AC Jun 99* 1145-1156
 induction motors, current-fed, nonlin. H_2/H_∞ control. *Georges, D.*, +, *T-AC Jul 99* 1430-1435
 lin. discrete-time SISO systs., l_1 uncertainties, robust stabil. and design. *Polyak, B.T.*, +, *T-AC Nov 99* 2076-2080
 lin. discrete-time uncertain syst. robust H_∞ control. *Peng Shi*, +, *T-AC Jan 99* 108-111
 lin. time-varying syst. H_∞ synthesis/anal. *Dullerud, G.E.*, +, *T-AC Aug 99* 1486-1497
 lin. time-varying systs. H^∞ control, controller parameterization. *Chee-Fai Yung*, +, *T-AC Nov 99* 2058-2062
 loopshaping, param., and weighted mixed sensitivity. *Guoxiang Gu*, +, *T-AC Apr 99* 846-852
 l_1/H_∞ optimal control, finite-dimens. discrete-time syst. *Rotstein, H.*, +, *T-AC Jun 99* 1240-1243
 LTI continuous-time syst. fast ident., model complexity. *Lin Lin*, +, *T-AC Oct 99* 1814-1828
 Lure systs. with neural nets, absol. stabil. *Soykens, J.A.K.*, +, *T-AC Apr 99* 770-774
 Markovian jump discrete-time syst. control with delay. *Peng Shi*, +, *T-AC Nov 99* 2139-2144
 multirate sampled-data syst. H_∞ suboptimal control. *Li Qin*, +, *T-AC Mar 99* 537-550
 nonlin. input affine systs., H_∞ tracking control. *Ball, J.A.*, +, *T-AC Jun 99* 1202-1206
 nonlin. syst. H_∞ control, asymptotic stabil. *Weizhou Su*, +, *T-AC May 99* 989-993
 nonlin. systs., decentralized H_∞ -controller design. *Guang-Hong Yang*, +, *T-AC Mar 99* 578-583
 nonlin. systs., robust stabilization w.r.t. pointwise norm-bounded uncertainties. *Battilotti, S.*, *T-AC Jan 99* 3-17
 perturbed lin. continuous-time systs., robust H_2/H_∞ -state estim. *Zidong Wang*, +, *T-AC May 99* 1061-1065
 rational approx. model ident., H^∞ , orthonormal basis. *Szabo, Z.*, +, *T-AC Jan 99* 153-158
 robust H_∞ control design, feedforward compensators. *Giusto, A.*, +, *T-AC Aug 99* 1578-1582
 sing. perturbed systs., uncertain, H_∞ control. *Peng Shi*, +, *T-AC Sep 99* 1738-1742
 stable suboptimal H^∞ controller synthesis. *Zeren, M.*, +, *T-AC Feb 99* 431-435
 symmetric composite systs., fault tolerant decentralized H_∞ control. *Shoudong Huang*, +, *T-AC Nov 99* 2108-2114
 uncertain LTI syst. ident., coprime factor modeling. *Guoxiang Gu*, *T-AC Aug 99* 1498-1511
 variational approach to H^∞ control with transients. *Lu, W.W.*, +, *T-AC Oct 99* 1875-1879
 weighted mixed-sensitivity H_∞ -control design, comment. *Hao Lu*, +, *T-AC Jun 99* 1309-1310
- H^∞ optimization**
 filtering, H_∞ for continuous-time delayed lin. systs. *Pila, A.W.*, +, *T-AC Jul 99* 1412-1417
 generalized l_2 synthesis, control design framework. *D Andrea, R.*, *T-AC Jun 99* 1145-1156

Hysteresis

- robust adaptive stabilization of 1st.-order hybrid systs. *De La Sen, M., T-AC Mar 99 597-602*
sliding mode control and chattering reduction, transformed Lure problem. *Ching-Yei Chung, S., +, T-AC Mar 99 563-568*

I**Identification**

- abrupt change detect. in sigs./control syst. *Tze Leung Lai, +, T-AC May 99 952-966*
approx. pulse transfer fns. *Blachura, M.J., T-AC Nov 99 2062-2067*
bilinear systs. subj. to white inputs, subspace ident. *Favoreel, W., +, T-AC Jun 99 1157-1165*
book review: Identification of Parametric Models from Experimental Data (Walter, E., and Pronzato, L.; 1997). *Godfrey, K., T-AC Dec 99 2321-2322*
closed-loop ident., indirect approach, motivation. *Ljung, L., +, T-AC Nov 99 2206-2209*
continuous-time nonlin. hybrid syst. densities. *Hibey, J.L., +, T-AC Nov 99 2164-2169*
discrete time model ref. systs., ident. and adaptive control, stabil. theorem. *Silveira, H.M., T-AC Oct 99 1947-1950*
failure-prone mfg. systs., adaptive prod. planning. *Duncan, T.E., +, T-AC Feb 99 427-430*
lin.-in-the-params. feedback lin. systs., switching adaptive controller. *Kosmatopoulos, E.B., +, T-AC Apr 99 742-750*
lin. model ident., finite sample props. *Weyer, E., +, T-AC Jul 99 1370-1383*
lin. SISO systs., freq.-domain ident., arbitrary excitations and nonparametric noise model. *Schoukens, J., +, T-AC Feb 99 343-347*
LTI continuous-time syst. fast ident., model complexity. *Lin Lin, +, T-AC Oct 99 1814-1828*
mfg., failure-prone systs., perturb. adaptive control. *Qian-Yu Tang, +, T-AC Sep 99 1719-1725*
mixed time/freq. robust ident. parametric extension. *Panrilo, P.A., +, T-AC Feb 99 364-369*
NARX model ident. via regularization networks. *De Nicolao, G., +, T-AC Nov 99 2045-2049*
neural networks in control, identification, and decision making (special section). *T-AC Nov 99 1993-2057*
neural networks in control, identification, and decision making, special section intro. *Lemmon, M.D., +, T-AC Nov 99 1993-1994*
nonlin. control syst. wavelet-based ident. *Sureshbabu, N., +, T-AC Feb 99 412-417*
nonlin. systs., lin. blocks/static nonlin., ident. *Vandersteen, G., +, T-AC Jun 99 1266-1271*
orthonormal bases, general, role in ident. *Ninness, B., +, T-AC Jul 99 1384-1406*
output nonlin., RLS algm. compensation. *Wigren, T., +, T-AC Oct 99 1913-1918*
overparameterized model invariants ident. *Pintelon, R., +, T-AC May 99 1073-1077*
periodic syst. ident., decomp. and approx. *Arambel, P.O., +, T-AC Apr 99 858-863*
primary output estim. from secondary meas. *Ergon, R., T-AC Apr 99 821-825*
pseudo-lin. regression ident. algms. stationary points. *Regalia, P.A., +, T-AC May 99 994-998*
rational approx. model ident., H^∞ , orthonormal basis. *Szabo, Z., +, T-AC Jan 99 153-158*
rational transfer fn. ident. from truncated autocovariance. *Desbouvries, F., +, T-AC May 99 1078-1081*
robust parametric ident., convergent algm. *Shuning Wang, +, T-AC Jun 99 1282-1286*
Shiryayev seq. probab. ratio test, fault detect. *Malladi, D.P., +, T-AC Aug 99 1522-1534*
sing. stochastic discrete-time syst. filtering/prediction. *Huanshui Zhang, +, T-AC Nov 99 2154-2158*
unknown discrete-time nonlin. fading memory syst., nonparametric output prediction. *Kulkarni, S.R., +, T-AC Jan 99 29-37*

Identification; cf. Parameter estimation; State estimation

IEEE Automatic Control Society; cf. Awards

Induction motor drives

- current-fed induction motors, nonlin. H_2/H_∞ control. *Georges, D., +, T-AC Jul 99 1430-1435*
optimal torque control of current-fed drives. *Canudas de Wit, C., +, T-AC May 99 1084-1089*

Induction motors

- global adaptive output feedback control. *Marino, R., +, T-AC May 99 967-983*
nonlin. state obs. by H_∞ -filtering Riccati design. *Reif, K., +, T-AC Jan 99 203-208*

Industrial control

- unreliable syst. with random demands; optimal control. *Dong-Ping Song, +, T-AC Mar 99 619-622*

Industrial control; cf. Process control; Production control

Information theory

- commun. bandwidth constrained systs., stabilization with limited inform. feedback. *Wing Shing Wong, +, T-AC May 99 1049-1053*
stochastic continuous systs., reduced-order models/control. *Leland, R., T-AC Sep 99 1714-1719*

Information theory; cf. Error statistics; Filtering theory; Prediction theory

Input-output stability

- input-output form bilinear systs., stabil. props. and periodic evol. *Fornasini, E., +, T-AC Jun 99 1197-1202*
nonlin. feedback syst. stabil. condition. *Hagiwara, T., +, T-AC Aug 99 1573-1577*

Inspection

- two-stage prod. syst., coord. QC. *Yao, D.D., +, T-AC Jun 99 1166-1179*

Instrumentation; cf. Computerized instrumentation

Instruments; cf. Sensors

Integral equations

- continuous-time nonlin. systs., Benes nonlin., moments and stochastic integrals, finite-dimens. filters. *Elliott, R.J., +, T-AC Oct 99 1929-1933*
fractional-order syst. $PI^d D^d$ -controllers. *Podlubny, I., T-AC Jan 99 208-214*

Integrated equations; cf. Fokker-Planck equation

Integrated circuit manufacture

- drifting sens. gain nonlin. filtering/observers. *Vincent, T.L., +, T-AC Mar 99 509-520*

Integro-differential equations; cf. Fokker-Planck equation

Intelligent control

- iter. learning controller with init. state learning. *Chen, Y., +, T-AC Feb 99 371-376*

Interactive systems

- robust perform., mixed sensitivity, param. space method. *Besson, V., +, T-AC Jun 99 1272-1276*

Interconnected systems

- decentralized model ref. adaptive control. *Changyun Wen, +, T-AC Jul 99 1464-1469*
internal stabil. of interconnected systs. *Qing-Guo Wang, +, T-AC Mar 99 593-596*
perturbed discrete time-delay large scale systs., stabilization and state estim. *Mahmoud, M.S., +, T-AC Aug 99 1632*

Interconnected systems; cf. Cascade systems

Internal combustion engines

- automotive engine fault detect. by model based probabilistic approach. *Dinca, L., +, T-AC Nov 99 2200-2205*

Interpolation

- degree constraint interpolation, trig. polynomials. *Georgiou, T.T., T-AC Mar 99 631-635*
gain scheduling, observer state feedback controllers interpolation. *Stilwell, D.J., +, T-AC Jun 99 1225-1229*
mixed time/freq. robust ident. parametric extension. *Panrilo, P.A., +, T-AC Feb 99 364-369*
polynomial matrix triangularization, num. methods. *Henrion, D., +, T-AC Mar 99 497-508*
robust parametric ident., convergent algm. *Shuning Wang, +, T-AC Jun 99 1282-1286*
stabilization of feedback lin. systs. by neural net. *Kwanghee Nam, T-AC May 99 1026-1031*
stochastic discrete-event systs., rational interpolation. *Nananukul, S., +, T-AC May 99 1070-1073*
unconstrained tangential interpolation, recursive method. *Boros, T., +, T-AC Mar 99 454-470*
variable conditions plant stabil., interpolated control. *Muramatsu, E., +, T-AC Jan 99 76-81*

Invariance

- continuous-time syst. piecewise lin. constrained control. *Benzaouia, A., +, T-AC Jul 99 1477-1481*
feedback invariance props., lin. systs. over principal ideal domain. *Assan, J., +, T-AC Aug 99 1624-1628*
uncertain lin. systs., generalized (C, A, B)-pairs, param. insensitive disturbance-rejection, dyn. compensator. *Otsuka, N., T-AC Nov 99 2195-2200*

Inverse problems

- finite degree discrete Volterra syst. I/O rep. *Kotsios, S., T-AC Jul 99 1460-1464*
robust adaptive stabilization of 1st.-order hybrid systs. *De La Sen, M., T-AC Mar 99 597-602*
spacecraft, inverse optimal stabilization, feedback constr. *Krstic, M., +, T-AC May 99 1042-1049*
Volterra systs., feedback, small gain theorem/anal. *Qingsheng Zheng, +, T-AC Mar 99 635-640*

Investment

- optimal stopping of Markov procs., finance appl. *Tsitsiklis, J.N., +, T-AC Oct 99 1840-1851*

Iterative methods

- H^2 optimal model reduction, approx. approach. *Wei-Yong Yan, +, T-AC Jul 99 1341-1358*
Kiefer-Wolfowitz algm. with randomized differences. *Chen, H.F., +, T-AC Mar 99 442-453*
LTI syst. fixed-order control. *Iwasaki, T., T-AC Apr 99 783-788*
Lyapunov eqns., large, sparse, parallel soln. by decomp. *Zecevic, A.I., +, T-AC Mar 99 612-618*
MIMO syst. stabilization via output/state feedback. *Yong-Yan Cao, +, T-AC Jun 99 1277-1282*
param. ident. of 2-segment nonlin. Hammerstein systs. *Voros, J., T-AC Nov 99 2145-2149*

Iterative methods; cf. Gradient methods; Newton method

J**Jacobian matrices**

- manipulators, constrained, force/motion control. *Loria, A., +, T-AC Jul 99 1407-1412*

K**Kalman filters**

- bilinear systs. subj. to white inputs, subspace ident. *Favoreel, W., +, T-AC Jun 99 1157-1165*
change-point problem, perform. anal. *Hibey, J.L., +, T-AC Aug 99 1628-1632*
clustering adaptive nonlin. filters efficient algm. *Lainiotis, D.G., +, T-AC Jul 99 1454-1459*
continuous-time uncertain systs., Markovian jumping params., Kalman filtering. *Peng Shi, +, T-AC Aug 99 1592-1597*
discrete-time EKF, stochastic stabil. *Reif, K., +, T-AC Apr 99 714-728*
discrete time-invariant systs., receding horizon Kalman FIR filter. *Wook Hyun Kwon, +, T-AC Sep 99 1787-1791*
discrete-time lin. systs. Kalman filtering. *Nikoukchah, R., +, T-AC Oct 99 1829-1839*

- discrete time nonlin. syst. ident., Kalman filter. *Giulmo, L.*, +, *T-AC Aug 99* 1546-1549
- finite-dimens. filters for lin. model param. estim. *Elliott, R.J.*, +, *T-AC May 99* 938-951
- lin. continuous-time systs., receding horizon Kalman FIR filter. *Wook Hyun Kwon*, +, *T-AC Nov 99* 2115-2120
- model reduction, freq.-weighted, via quasi-Kalman decomp. *Diab, M.*, +, *T-AC Jan 99* 139-144
- nonlin. discrete-time syst. Kalman observer. *Boutayeb, M.*, +, *T-AC Aug 99* 1550-1556
- nonlin. state obs. by H_∞ -filtering Riccati design. *Reif, K.*, +, *T-AC Jan 99* 203-208
- perturbed lin. continuous-time systs., robust H_2/H_∞ -state estim. *Zidong Wang*, +, *T-AC May 99* 1061-1065
- robust estim. with unknown noise stats. *Durovic, Z.M.*, +, *T-AC Jun 99* 1292-1296
- state estim., Kalman filter, central limit theorem. *Aliiev, F.A.*, +, *T-AC Oct 99* 1905-1909
- stochastic 2nd.-order filter involving coord. transform. *Kwanghee Nam*, +, *T-AC Mar 99* 603-608
- two-stage Kalman state estimator, optimal soln. *Chien-Shu Hsieh*, +, *T-AC Jan 99* 194-199
- uncertain lin. stochastic syst. quadratic filtering. *Carravetta, F.*, +, *T-AC Jun 99* 1287-1292
- Kinematics**
- autonomous underwater vehicle time-varying stabilization. *Pettersen, K.Y.*, +, *T-AC Jan 99* 112-115
- Knowledge based systems; cf. Intelligent control**
- L**
- Languages; cf. Formal languages**
- Laplace transforms**
- continuous-time syst. digital redesign, Laplace transform. *Rosenvasser, Ye.N.*, +, *T-AC Apr 99* 883-886
- fractional-order syst. PI^dD^m -controllers. *Podlubny, I.*, *T-AC Jan 99* 208-214
- Large-scale systems**
- decentralized adaptive regulation with unknown HF-gain signs. *Ye Xudong*, *T-AC Nov 99* 2072-2076
- symmetric composite systs., fault tolerant decentralized H_∞ control. *Shoudong Huang*, +, *T-AC Nov 99* 2108-2114
- Large-scale systems; cf. Interconnected systems**
- Learning (artificial intelligence); cf. Backpropagation**
- Learning systems**
- iter. learning controller with init. state learning. *Chen, Y.*, +, *T-AC Feb 99* 371-376
- nonlin. uncertain systs., dual-scale learning control. *Jiafi-Xin Xu*, +, *T-AC Oct 99* 1884-1888
- Least squares approximations**
- adaptive continuous-time LQG control. *Duncan, T.E.*, +, *T-AC Sep 99* 1653-1662
- drifting sens. gain nonlin. filtering/observers. *Vincent, T.L.*, +, *T-AC Mar 99* 509-520
- indirect adaptive periodic control. *Dimogianopoulos, D.*, +, *T-AC Dec 99* 2308-2312
- lin. stochastic systs., sampling and param. estim. *Duncan, T.E.*, +, *T-AC Nov 99* 2120-2125
- nonlin. stochastic discrete-time adaptive predictive control. *Chen Wei*, +, *T-AC Sep 99* 1725-1729
- observer design for lin. time-varying systs., LSA. *Min-Shin Chen*, +, *T-AC Sep 99* 1742-1745
- output nonlin., RLS algm. compensation. *Wigren, T.*, +, *T-AC Oct 99* 1913-1918
- param. estim., constrained logarithmic least sq. *Er-Wei Bai*, +, *T-AC Jan 99* 182-186
- receding horizon discrete-time state observer. *Ling, K.V.*, +, *T-AC Sep 99* 1750-1753
- robust estim. with unknown noise stats. *Durovic, Z.M.*, +, *T-AC Jun 99* 1292-1296
- Lie algebras**
- planar body with unilateral thrusters, controllability. *Lynch, K.M.*, *T-AC Jun 99* 1206-1211
- Limit cycles**
- sliding mode control and chattering reduction, transformed Lure problem. *Ching-Yei Chung, S.*, +, *T-AC Mar 99* 563-568
- Linear algebra; cf. Eigenvalues and eigenfunctions; Matrix algebra**
- Linearization techniques**
- bilinear syst. static state feedback sing. *Chabour, R.*, +, *T-AC Aug 99* 1559-1564
- clustering adaptive nonlin. filters efficient algm. *Lainiotis, D.G.*, +, *T-AC Jul 99* 1454-1459
- discrete-time approx. lin., output feedback. *Barbot, J.P.*, +, *T-AC Sep 99* 1729-1733
- nonlin. discrete-time syst. Kalman observer. *Boutayeb, M.*, +, *T-AC Aug 99* 1550-1556
- nonlin. systs., state lin. up to output injection, output transforms. *Besancon, G.*, *T-AC Oct 99* 1975-1981
- nonlin. systs., state observer design methodology. *Busawon, K.K.*, +, *T-AC Nov 99* 2098-2103
- stabilization of feedback lin. systs. by neural net. *Kwanghee Nam*, *T-AC May 99* 1026-1031
- Linear programming**
- discrete-time lin. systs., state and control constraints, design techs. *Bitsoris, G.*, +, *T-AC May 99* 1057-1061
- l^1 -optimal control and dual LP, multiple solns. *Alpay, M.E.*, +, *T-AC May 99* 1089-1093
- neural networks in control, identification, and decision making (special section). *T-AC Nov 99* 1993-2057
- neural networks in control, identification, and decision making, special section intro. *Lenmon, M.D.*, +, *T-AC Nov 99* 1993-1994
- problem solving with neural networks. *Chong, E.K.P.*, +, *T-AC Nov 99* 1995-2006
- robust parametric ident., convergent algm. *Shuning Wang*, +, *T-AC Jun 99* 1282-1286
- Linear quadratic control**
- eigenvalue assignment, optimal, 2 seq. stage method. *Iracleous, D.P.*, +, *T-AC Sep 99* 1746-1749
- eigenvalue placement in vert. strip. *Koshkouei, A.J.*, +, *T-AC Jul 99* 1417-1419
- MIMO syst. stabilization via output/state feedback. *Yong-Yan Cao*, +, *T-AC Jun 99* 1277-1282
- null-controllable lin. syst. predictive control. *Casavola, A.*, +, *T-AC Nov 99* 2226-2230
- preview LQ synthesis, worst case anal. *Kojima, A.*, +, *T-AC Feb 99* 352-357
- stochastic LQ control, integral quadratic constraints. *Lim, A.E.B.*, +, *T-AC Jul 99* 1359-1369
- Linear quadratic Gaussian control**
- adaptive continuous-time LQG control. *Duncan, T.E.*, +, *T-AC Sep 99* 1653-1662
- discrete stochastic control, Wiener/polynomial systs. *Grimble, M.J.*, *T-AC Nov 99* 2125-2130
- distributed-param. syst. model/control, approx. prediction. *Leland, R.P.*, *T-AC Mar 99* 623-627
- nearly optimal controls of hybrid LQG problems. *Zhang, Q.*, +, *T-AC Dec 99* 2271-2282
- stochastic continuous systs., reduced-order models/control. *Leland, R.*, *T-AC Sep 99* 1714-1719
- Linear systems**
- 2-DOF set-point discrete time supervisory controller. *Borrelli, D.*, +, *T-AC Jan 99* 178-181
- behavioral based H_∞ control, full inform. case. *Trentelman, H.L.*, +, *T-AC Mar 99* 521-536
- book review; Linear System (Antsaklis, P.J., and Michel, A.N.; 1997). *Djafaris, T.E.*, *T-AC Jun 99* 1320-1321
- book review; Theory of Sensitivity in Dynamic Systems, An Introduction (Eslami, M.; 1994). *Rosenvasser, E.N.*, +, *T-AC May 99* 1101-1103
- bounded uncertain systs., robustness. *Tits, A.L.*, +, *T-AC Jan 99* 50-65
- continuous lin. time-varying systs., controllability/observability robustness. *Dohyoung Chung*, +, *T-AC Oct 99* 1919-1923
- continuous-time syst. piecewise lin. constrained control. *Benzaouia, A.*, +, *T-AC Jul 99* 1477-1481
- continuous-time systs., receding horizon Kalman FIR filter. *Wook Hyun Kwon*, +, *T-AC Nov 99* 2115-2120
- continuous-time uncertain systs., Markovian jumping params., Kalman filtering. *Peng Shi*, +, *T-AC Aug 99* 1592-1597
- continuous time-varying systs., poles and zeros at infinity. *Bourles, H.*, +, *T-AC Oct 99* 1981-1985
- controllability/observability, weak, robust, uncertainty. *Savkin, A.V.*, +, *T-AC May 99* 1037-1041
- delayed perturb., robust stabil. *Hwan Il Kang*, *T-AC Aug 99* 1612
- delay lin. syst. asymptotic stabil. *Kolmanovskii, V.B.*, +, *T-AC May 99* 9984-989
- delay lin. syst. robust stabil., comment. *Ooba, T.*, +, *T-AC Aug 99* 1582-1583
- descriptor syst. output feedback regularization. *Chu, D.L.*, +, *T-AC Feb 99* 405-412
- discrete-time lin. syst., harmonic disturbances, optimal tracking, universal regulators. *Lindquist, A.*, +, *T-AC Sep 99* 1688-1704
- discrete-time lin. systs. Kalman filtering. *Nikoukhan, R.*, +, *T-AC Oct 99* 1829-1839
- discrete-time lin. syst. state observers. *Valcher, M.E.*, *T-AC Feb 99* 397-401
- discrete-time lin. time-varying systs., Gabor transform, exact representation and approx. *Rotstein, H.*, +, *T-AC Apr 99* 729-741
- discrete-time syst. robust MRAC param. update. *Tao, G.*, *T-AC Jan 99* 186-190
- discrete-time systs., saturating controls, polyhedral regions of local stabil. *da Silva, J.M.G., Jr.*, +, *T-AC Nov 99* 2081-2085
- discrete-time systs., state and control constraints, design techs. *Bitsoris, G.*, +, *T-AC May 99* 1057-1061
- discrete-time uncertain lin. syst. robust H_∞ control. *Peng Shi*, +, *T-AC Jan 99* 108-111
- disturbance decoupled functional observer design. *Hou, M.*, +, *T-AC Feb 99* 382-386
- disturbance decoupling with stabil. by PID control laws. *Estrada, M.B.*, +, *T-AC Jun 99* 1311-1315
- disturbance rejection robust control, aircraft appl. *Davison, D.E.*, +, *T-AC Aug 99* 1556-1559
- dyn. decentralized robust output feedback control. *Geromel, J.C.*, +, *T-AC Jul 99* 1449-1454
- dyn. switching systs., stabil. investig. *Dayawansa, W.P.*, +, *T-AC Apr 99* 751-760
- finite-dimens. filters for lin. model param. estim. *Elliott, R.J.*, +, *T-AC May 99* 938-951
- fractional-order syst. PI^dD^m -controllers. *Podlubny, I.*, *T-AC Jan 99* 208-214
- gain scheduling, observer state feedback controllers interpolation. *Stilwell, D.J.*, +, *T-AC Jun 99* 1225-1229
- H_∞ filtering for continuous-time delayed lin. systs. *Pila, A.W.*, +, *T-AC Jul 99* 1412-1417
- H^2 optimal model reduction, approx. approach. *Wei-Yong Yan*, +, *T-AC Jul 99* 1341-1358
- indirect adaptive control under bounded disturbances. *Bartolini, G.*, +, *T-AC Apr 99* 789-793
- integral control with actuator nonlin. *Logemann, H.*, +, *T-AC Jun 99* 1315-1319
- lin. discrete-time SISO systs., l_1 uncertainties, robust stabil. and design. *Polyak, B.T.*, +, *T-AC Nov 99* 2076-2080
- lin. systs. over principal ideal domain, feedback invariance props. *Assan, J.*, +, *T-AC Aug 99* 1624-1628
- LTI continuous-time syst. fast ident., model complexity. *Lin Lin*, +, *T-AC Oct 99* 1814-1828
- LTI discrete-time state observers unification. *Ploix, S.*, +, *T-AC Feb 99* 422-426
- LTI MIMO syst. stabilizing control with integral action. *Gundes, A.N.*, +, *T-AC Jan 99* 116-119
- LTI syst. fixed-order control, dual iter. *Iwasaki, T.*, *T-AC Apr 99* 783-788

- MIMO 3D lin. systs., feedback stabilization. *Zhiping Lin, T-AC Oct 99 1950-1955*
- MIMO syst. partial model matching via static feedback. *Koumboulis, F.N., +, T-AC Feb 99 386-392*
- MIMO syst. stabilization via output/state feedback. *Yong-Yan Cao, +, T-AC Jun 99 1277-1282*
- mixed time/freq. robust ident. parametric extension. *Panrilo, P.A., +, T-AC Feb 99 364-369*
- model reduction, freq.-weighted, via quasi-Kalman decomp. *Diab, M., +, T-AC Jan 99 139-144*
- nonlin. bounded control for norm-bounded uncertain systs. *Garcia, G., +, T-AC Jun 99 1254-1258*
- null-controllable lin. syst. predictive control. *Casavola, A., +, T-AC Nov 99 2226-2230*
- optimal eigenvalue assignment, 2 seq. stage method. *Iracleous, D.P., +, T-AC Sep 99 1746-1749*
- output feedback robust stabilization of uncertain lin. systs. with saturating controls. *Henrion, D., +, T-AC Nov 99 2230-2237*
- param.-varying systs., time-varying real uncertain params., control problem. *Emre Kose, I., +, T-AC Mar 99 658-663*
- periodic descriptor systs., solvability/conditionability. *Sreedhar, J., +, T-AC Feb 99 310-313*
- perturbed lin. continuous-time systs., robust H_2/H_∞ -state estim. *Zidong Wang, +, T-AC May 99 1061-1065*
- perturbed lin. syst. optimal control, correction. *Smith, R., +, T-AC Oct 99 1900-1901*
- perturb. stochastic approx., convergence rate. *Gerencser, L., T-AC May 99 894-905*
- robust fault detect., parity rel.-based residual generation. *Ding, X., +, T-AC Feb 99 337-343*
- robust H_∞ control design, feedforward compensators. *Giusto, A., +, T-AC Aug 99 1578-1582*
- robust pole placement in LMI regions. *Chilali, M., +, T-AC Dec 99 2257-2270*
- sampled data control, periodically time-varying controllers, perform. anal. *Cishen Zhang, +, T-AC Aug 99 1607-1611*
- semiglobal stabilization of continuous-time systs. with bounded inputs. *Lozano, R., +, T-AC Dec 99 2318-2320*
- sing. syst. regularization, decentralized output feedback. *Wang, D., +, T-AC Jan 99 148-152*
- SISO systs., freq.-domain ident., arbitrary excitations and nonparametric noise model. *Schoukens, J., +, T-AC Feb 99 343-347*
- ω -periodic discrete-time systs., robust disturbance-rejection problems. *Shiomi, K., +, T-AC Aug 99 1615-1620*
- state-space systs. ident., bal. canonical forms. *Bauer, D., +, T-AC Jun 99 1118-1131*
- stochastic systs., sampling and param. estim. *Duncan, T.E., +, T-AC Nov 99 2120-2125*
- struct. lin. syst. decoupling, state feedback. *Commault, C., +, T-AC Feb 99 348-352*
- time-varying delta-operator formulated discrete-time systs., robust stabil. *Molchanov, A.P., +, T-AC Feb 99 325-327*
- time-varying lin. systs. ident. and adaptive control, achievable perform. bounds. *Ravikanth, R., +, T-AC Apr 99 670-682*
- time-varying sing. control design, I/O decoupling. *Xiaoping Liu, T-AC May 99 1016-1021*
- time-varying syst. H_∞ synthesis/anal. *Dullerud, G.E., +, T-AC Aug 99 1486-1497*
- time-varying systs. H^∞ control, controller parameterization. *Chee-Fai Yung, +, T-AC Nov 99 2058-2062*
- time-varying systs., min. entropy/risk-sensitive control rels. *Peters, M.A., +, T-AC May 99 1065-1069*
- time-varying systs., set-valued observers, optimal disturbance rejection. *Shamma, J.S., +, T-AC Feb 99 253-264*
- time-varying uncertain syst. robust state feedback. *Blanchini, F., +, T-AC Apr 99 802-807*
- uncertain continuous-time lin. systs., state feedback control synthesis, universal Lyapunov fns. *Blanchini, F., +, T-AC Mar 99 641-647*
- uncertain delay syst. memoryless lin. tracking control. *Oucheriah, S., T-AC Jul 99 1473-1477*
- uncertain lin. models, freq.-depend. error bounds. *Andersson, L., +, T-AC Nov 99 2094-2098*
- uncertain lin. sing. systs., output feedback control, robustness anal. *Lin, J.L., +, T-AC Oct 99 1924-1929*
- uncertain lin. stochastic syst. quadratic filtering. *Carravetta, F., +, T-AC Jun 99 1287-1292*
- uncertain lin. systs., generalized (C, A, B)-pairs, param. insensitive disturbance-rejection, dyn. compensator. *Otsuka, N., T-AC Nov 99 2195-2200*
- uncertain LTI syst. ident., coprime factor modeling. *Guoxiang Gu, T-AC Aug 99 1498-1511*
- uncertain systs., robust stabil. margin, guaranteed lower bound computation. *Balakrishnan, V., +, T-AC Nov 99 2185-2190*
- Lyapunov matrix equations**
- discrete alg. Lyapunov eqn. matrix bounds. *Tippett, M.K., +, T-AC Jan 99 214-218*
- discrete-time descriptor systs., Lyapunov/Riccati eqns. *Liqian Zhang, +, T-AC Nov 99 2134-2139*
- large sparse Lyapunov eqns., parallel soln. by decomp. *Zecevic, A.I., +, T-AC Mar 99 612-618*
- Lyapunov methods**
- cascaded nonlin. systs., stable, Lyapunov fns., global stabilization. *Mazenc, F., +, T-AC Sep 99 1795-1800*
- continuous-time syst. piecewise lin. constrained control. *Benzaouia, A., +, T-AC Jul 99 1477-1481*
- dyn. switching systs., stabil. investig. *Dayawansa, W.P., +, T-AC Apr 99 751-760*
- Kharitonov theorem with degree drop. *Willems, J.C., +, T-AC Nov 99 2218-2220*
- lin. delay syst. asymptotic stabil. *Kolmanovskii, V.B., +, T-AC May 99 984-989*
- lin. discrete-time systs., saturating controls, polyhedral regions of local stabil. *da Silva, J.M.G., Jr., +, T-AC Nov 99 2081-2085*
- lin. param.-varying systs., time-varying real uncertain params., control problem. *Emre Kose, I., +, T-AC Mar 99 658-663*
- LP problem solving with neural networks. *Chong, E.K.P., +, T-AC Nov 99 1995-2006*
- Lure systs. with neural nets, absol. stabil. *Soykens, J.A.K., +, T-AC Apr 99 770-774*
- matrix second-order systs., stabil. issues. *Diwekar, A.M., +, T-AC Sep 99 1773-1777*
- multirate digital control systs., qualit. props. *Bo Hu, +, T-AC Apr 99 765-770*
- nonlin. almost periodic systs., state-space approach. *Seung Jean Kim, +, T-AC Jan 99 66-70*
- nonlin. discrete time syst. induced norm/nonlin. *Yun-Chung Chu, +, T-AC Mar 99 471-483*
- nonlin. state obs. by H_∞ -filtering Riccati design. *Reif, K., +, T-AC Jan 99 203-208*
- nonlin. syst. disturbance atten./perform. bounds. *Isidori, A., +, T-AC Aug 99 1535-1545*
- nonlin. syst. H_∞ control, asymptotic stabil. *Weizhou Su, +, T-AC May 99 989-993*
- nonlin. systs., robust stabilization w.r.t. pointwise norm-bounded uncertainties. *Battilotti, S., T-AC Jan 99 3-17*
- repeated scalar nonlin. syst. stabilization/synthesis. *Yun-Chung Chu, +, T-AC Mar 99 484-496*
- spacecraft, inverse optimal stabilization, feedback constr. *Krstic, M., +, T-AC May 99 1042-1049*
- time-varying uncertain syst. robust state feedback. *Blanchini, F., +, T-AC Apr 99 802-807*
- uncertain continuous-time lin. systs., state feedback control synthesis, universal Lyapunov fns. *Blanchini, F., +, T-AC Mar 99 641-647*
- M**
- Machine control**
- dyn. state feedback control struct. *Bazanella, A.S., +, T-AC Mar 99 588-592*
- induction motor drives, current-fed, optimal torque control. *Canudas de Wit, C., +, T-AC May 99 1084-1089*
- induction motor global adaptive output feedback control. *Marino, R., +, T-AC May 99 967-983*
- induction motors, current-fed, nonlin. H_2/H_∞ control. *Georges, D., +, T-AC Jul 99 1430-1435*
- Machine windings; cf. Rotors**
- Manipulator dynamics**
- adaptive force/posn. tracking control. *Villani, L., +, T-AC Apr 99 798-802*
- impedance control, nondiagonal stiffness. *Caccavale, F., +, T-AC Oct 99 1943-1946*
- multi-DOF cooperating manipulators impact model/control. *Indri, M., +, T-AC Jun 99 1297-1303*
- robot arm decentralized nonlin. adaptive tracking. *Ming Liu, T-AC Feb 99 357-363*
- tracking problem, robust adaptive control. *Tomei, P., T-AC Mar 99 654-658*
- Manipulator kinematics**
- 2-manipulator syst., joint space control stabil. anal. *Caccavale, F., +, T-AC Jan 99 85-88*
- Manipulators**
- force/motion control of constrained manipulators. *Loria, A., +, T-AC Jul 99 1407-1412*
- Marine vehicles; cf. Underwater vehicles**
- Markov processes**
- consistency issues for num. methods for variance control appls. to optim. in finance. *Kushner, H.J., T-AC Dec 99 2283-2296*
- continuous-time nonlin. hybrid syst. densities. *Hibey, J.L., +, T-AC Nov 99 2164-2169*
- continuous-time uncertain systs., Markovian jumping params., Kalman filtering. *Peng Shi, +, T-AC Aug 99 1592-1597*
- controlled Markov chains, recurrence condition, steering policies. *Dye-Jyun Ma, +, T-AC Aug 99 1583-1587*
- control procs., sample-path av. optimality. *Lasserre, J.B., T-AC Oct 99 1966-1971*
- doubly stochastic AR model exact filter. *Evans, J., +, T-AC Apr 99 794-798*
- failure-prone mfg. systs., adaptive prod. planning. *Duncan, T.E., +, T-AC Feb 99 427-430*
- jump discrete-time syst. control with delay. *Peng Shi, +, T-AC Nov 99 2139-2144*
- Markov decision proc., constrained 2-factor dyn. prog. *Feinberg, E.A., +, T-AC Mar 99 628-631*
- nearly optimal controls of hybrid LQG problems. *Zhang, Q., +, T-AC Dec 99 2271-2282*
- optimal stopping of Markov procs., finance appl. *Tsitsiklis, J.N., +, T-AC Oct 99 1840-1851*
- parallel exponential heterog. servers, static customer assignment. *Koole, G., T-AC Aug 99 1588-1592*
- serial transfer lines with machine/buffer failure, steady-state perform. anal. *Lipset, R., +, T-AC Feb 99 319-325*
- single-part-type mfg. systs. optimal hedging points. *Xin-Zhen Yu, +, T-AC Feb 99 379-382*
- single sample path-based sensitivity anal. *Zikuan Liu, +, T-AC Apr 99 872-875*
- time-varying lin. systs., ident. and adaptive control, achievable perform. bounds. *Ravikanth, R., +, T-AC Apr 99 670-682*
- Markov processes; cf. Hidden Markov models**
- Mathematical analysis; cf. Approximation theory; Differential equations; Eigenvalues and eigenfunctions; Integral equations; Inverse problems; Numerical analysis; Time-domain analysis**
- Mathematical programming; cf. Dynamic programming; Linear programming; Nonlinear programming; Stochastic programming**
- Mathematics; cf. Algebra; Convergence; Differentiation; Duality (mathematics); Equivalence classes; Estimation theory; Geometry; Graph theory; Number theory; Optimization; Probability; Topology; Variational techniques**
- Mathematics computing**
- LP problem solving with neural networks. *Chong, E.K.P., +, T-AC Nov 99 1995-2006*

Matrix algebra

- asymptotic stabil., matrix norm conditions for disturbance. *White, A.L.*, *T-AC Jan 99* 169-172
- bilinear systs. subj. to white inputs, subspace ident. *Favoreel, W.*, +, *T-AC Jun 99* 1157-1165
- bilinear syst. static state feedback sing. *Chabour, R.*, +, *T-AC Aug 99* 1559-1564
- compact convex matrix set spectrum, robustness anal. *Monov, V.V.*, *T-AC May 99* 1009-1012
- continuous-time nonlin. hybrid syst. densities. *Hibey, J.L.*, +, *T-AC Nov 99* 2164-2169
- continuous-time syst. digital redesign, Laplace transform. *Rosenvasser, Ye.N.*, +, *T-AC Apr 99* 883-886
- continuous-time systs., robust H_2 anal., convex methods. *Paganini, F.*, *T-AC Feb 99* 239-252
- decouplable MIMO syst. limiting zeros. *Weller, S.R.*, *T-AC Jan 99* 129-134
- delay syst. optimal robust control, Bezout factors. *Bonnet, C.*, +, *T-AC Aug 99* 1512-1521
- descriptor systs., causal observability. *Hou, M.*, +, *T-AC Jan 99* 158-163
- discrete-time alg. Riccati eqn., efficient algm. *Lu, L.-Z.*, +, *T-AC Jun 99* 1216-1220
- discrete time model ref. systs., ident. and adaptive control, stabil. theorem. *Silveira, H.M.*, *T-AC Oct 99* 1947-1950
- disturbance atten. under input saturation, matrices. *Nguyen, T.*, +, *T-AC Apr 99* 852-857
- disturbance decoupled functional observer design. *Hou, M.*, +, *T-AC Feb 99* 382-386
- duality in multiplier-based robustness anal. *Jonsson, U.*, *T-AC Dec 99* 2246-2256
- dyn. decentralized robust output feedback control. *Geromel, J.C.*, +, *T-AC Jul 99* 1449-1454
- generalized l_2 synthesis, control design framework. *D Andrea, R.*, *T-AC Jun 99* 1145-1156
- high-perform. state feedback, robust, and output feedback stabilizing control, systematic design algm. *Chia-Chi Tsui*, *T-AC Mar 99* 560-563
- lin. delay syst. asymptotic stabil. *Kolmanovskii, V.B.*, +, *T-AC May 99* 984-989
- lin. delay syst. robust stabil., comment. *Ooba, T.*, +, *T-AC Aug 99* 1582-1583
- lin. param.-varying systs., time-varying real uncertain params., control problem. *Emre Kose, I.*, +, *T-AC Mar 99* 658-663
- lin. ω -periodic discrete-time systs., robust disturbance-rejection problems. *Shiomi, K.*, +, *T-AC Aug 99* 1615-1620
- lin. state-space systs. ident., bal. canonical forms. *Bauer, D.*, +, *T-AC Jun 99* 1118-1131
- lin. systs., delayed perturb., robust stabil. *Hwan Il Kang*, *T-AC Aug 99* 1612
- LQ stochastic control, integral quadratic constraints. *Lim, A.E.B.*, +, *T-AC Jul 99* 1359-1369
- LTI discrete-time state observers unification. *Ploix, S.*, +, *T-AC Feb 99* 422-426
- LTI syst. fixed-order control. *Iwasaki, T.*, *T-AC Apr 99* 783-788
- Lure systs. with neural nets, absol. stabil. *Soykens, J.A.K.*, +, *T-AC Apr 99* 770-774
- Markovian jump discrete-time syst. control with delay. *Peng Shi*, +, *T-AC Nov 99* 2139-2144
- Markov proc. single sample path-based sensitivity anal. *Zikuan Liu*, +, *T-AC Apr 99* 872-875
- MIMO syst. stabilization via output/state feedback. *Yong-Yan Cao*, +, *T-AC Jun 99* 1277-1282
- min. cost variance control problems, coupled matrix Riccati eqns. *Freiling, G.*, +, *T-AC Mar 99* 556-560
- mixed time/freq. robust ident. parametric extension. *Panrilo, P.A.*, +, *T-AC Feb 99* 364-369
- model reduction, freq.-weighted, via quasi-Kalman decomp. *Diab, M.*, +, *T-AC Jan 99* 139-144
- multirate sampled-data syst. H_∞ suboptimal control. *Li Qin*, +, *T-AC Mar 99* 537-550
- nonlin. discrete time syst. induced norm/nonlin. *Yun-Chung Chu*, +, *T-AC Mar 99* 471-483
- nonlin. discrete-time syst. Kalman observer. *Boutayeb, M.*, +, *T-AC Aug 99* 1550-1556
- nonlin. stochastic discrete-time syst. anal. via LMI. *Yaz, Y.I.*, +, *T-AC Apr 99* 813-816
- nonlin. systs., state observer design methodology. *Busawon, K.K.*, +, *T-AC Nov 99* 2098-2103
- nonlin. systs., steady state, observer design. *Shim, H.*, +, *T-AC Mar 99* 587
- output feedback control problems, sufficient LMI conditions. *Crusius, C.A.R.*, +, *T-AC May 99* 1053-1057
- periodic descriptor systs., solvability/conditionability. *Sreedhar, J.*, +, *T-AC Feb 99* 310-313
- periodic discrete time syst. sing./nonsingular filtering. *Bittanti, S.*, +, *T-AC Jan 99* 222-227
- perturbed lin. continuous-time systs., robust H_2/H_∞ -state estim. *Zidong Wang*, +, *T-AC May 99* 1061-1065
- repeated scalar nonlin. syst. stabilization/synthesis. *Yun-Chung Chu*, +, *T-AC Mar 99* 484-496
- robot impedance control, nondiagonal stiffness. *Caccavale, F.*, +, *T-AC Oct 99* 1943-1946
- robust fault detect., parity rel.-based residual generation. *Ding, X.*, +, *T-AC Feb 99* 337-343
- robust pole placement in LMI regions. *Chilali, M.*, +, *T-AC Dec 99* 2257-2270
- sampled data syst. cheap control, sing. perturb. *Popescu, D.C.*, +, *T-AC Nov 99* 2209-2214
- second-order systs., stabil. issues. *Diwekar, A.M.*, +, *T-AC Sep 99* 1773-1777
- state space uncertain systs., parametric stabil. margin improvement under pole assignment. *Tingshu Hu*, +, *T-AC Oct 99* 1938-1942
- strict feedback nonlin. systs., param. convergence. *Jung-Shan Lin*, +, *T-AC Jan 99* 89-94
- struct. lin. syst. decoupling, state feedback. *Commault, C.*, +, *T-AC Feb 99* 348-352
- time invariant uncertain delay syst. stabil. criterion. *PooGyeon Park*, *T-AC Apr 99* 876-877
- uncertain lin. sing. systs., output feedback control, robustness anal. *Lin, J.L.*, +, *T-AC Oct 99* 1924-1929
- uncertain lin. systs., generalized (C, A, B)-pairs, param. insensitive disturbance-rejection, dyn. compensator. *Otsuka, N.*, *T-AC Nov 99* 2195-2200
- uncertain LTI syst. ident., coprime factor modeling. *Guoxiang Gu*, *T-AC Aug 99* 1498-1511
- uncertain matrix second-order syst. robust control. *Diwekar, A.M.*, +, *T-AC Feb 99* 401-405
- uncertain syst. necessary/sufficient min. condition. *Beck, C.L.*, +, *T-AC Oct 99* 1802-1813
- uncertain syst. robust control/stabil. multipliers. *Yung-Shan Chou*, +, *T-AC May 99* 906-913
- uncertain systs., robust stabil. margin, guaranteed lower bound computation. *Balakrishnan, V.*, +, *T-AC Nov 99* 2185-2190
- Matrix algebra; cf.** Covariance matrices; Hermitian matrices; Jacobian matrices; Lyapunov matrix equations; Matrix decomposition; Polynomial matrices; Toeplitz matrices; Transfer function matrices
- Matrix decomposition**
MIMO 3D lin. systs., feedback stabilization. *Zhiping Lin*, *T-AC Oct 99* 1950-1955
- Matrix decomposition; cf.** Singular value decomposition
- Maximum entropy methods**
fluid flow mixing control, max. entropy approach. *D Alessandro, D.*, +, *T-AC Oct 99* 1852-1863
- Maximum likelihood estimation**
bounded error param. estim., seq. analytic center approach. *Bai, E.-W.*, +, *T-AC Jun 99* 1107-1117
- continuous-time nonlin. stochastic dyn. syst., max. likelihood state estim., Mortensen eqn. *Aihara, S.*, +, *T-AC Oct 99* 1955-1961
- continuous-time nonlin. systs., Benes nonlin., moments and stochastic integrals, finite-dimens. filters. *Elliott, R.J.*, +, *T-AC Oct 99* 1929-1933
- drifting sens. gain nonlin. filtering/observers. *Vincent, T.L.*, +, *T-AC Mar 99* 509-520
- finite-dimens. filters for lin. model param. estim. *Elliott, R.J.*, +, *T-AC May 99* 938-951
- Mean square error methods**
changepoint problem, perform. anal. *Hibey, J.L.*, +, *T-AC Aug 99* 1628-1632
- Measurement systems**
nonlin. systs., lin. blocks/static nonlin., ident. *Vandersteen, G.*, +, *T-AC Jun 99* 1266-1271
- Mechanical engineering**
automotive engine fault detect. by model based probabilistic approach. *Dinca, L.*, +, *T-AC Nov 99* 2200-2205
- Mechanical variables control**
constrained mech. systs., impact modeling and control. *Tornambe, A.*, *T-AC Feb 99* 294-309
- Mechanical variables control; cf.** Angular velocity control; Flow control; Force control; Torque control; Vibration control
- Mechanics; cf.** Damping; Dynamics; Kinematics
- Memoryless systems**
commun. bandwidth constrained systs., stabilization with limited inform. feedback. *Wing Shing Wong*, +, *T-AC May 99* 1049-1053
- uncertain delay syst. memoryless lin. tracking control. *Oucheriah, S.*, *T-AC Jul 99* 1473-1477
- MIMO systems**
3D lin. systs., feedback stabilization. *Zhiping Lin*, *T-AC Oct 99* 1950-1955
- bilinear systs. subj. to white inputs, subspace ident. *Favoreel, W.*, +, *T-AC Jun 99* 1157-1165
- decouplable MIMO syst. limiting zeros. *Weller, S.R.*, *T-AC Jan 99* 129-134
- lin. state-space systs. ident., bal. canonical forms. *Bauer, D.*, +, *T-AC Jun 99* 1118-1131
- LTI MIMO syst. stabilizing control with integral action. *Gundes, A.N.*, +, *T-AC Jan 99* 116-119
- model reduction, freq.-weighted, via quasi-Kalman decomp. *Diab, M.*, +, *T-AC Jan 99* 139-144
- partial model matching via static feedback. *Koumboulis, F.N.*, +, *T-AC Feb 99* 386-392
- robust control with integral action/limited rate control. *Cavallo, A.*, +, *T-AC Aug 99* 1569-1572
- stabilization via output/state feedback. *Yong-Yan Cao*, +, *T-AC Jun 99* 1277-1282
- stochastic systs., output PDF, robust control, guaranteed stabil. *Hong Wang*, *T-AC Nov 99* 2103-2107
- Minimax techniques**
neural state estimator with bounded errors for nonlin. systs. *Alessandri, A.*, +, *T-AC Nov 99* 2028-2042
- param. estim., constrained logarithmic least sq. *Er-Wei Bai*, +, *T-AC Jan 99* 182-186
- uncertain lin. stochastic syst. quadratic filtering. *Carravetta, F.*, +, *T-AC Jun 99* 1287-1292
- Minimization**
DES decentralized supervisory control. *Takai, S.*, *T-AC Jul 99* 1441-1444
- distributed-param. syst. model/control, approx. prediction. *Leland, R.P.*, *T-AC Mar 99* 623-627
- H_2 guaranteed cost sliding mode control design. *Takahashi, R.H.C.*, +, *T-AC Nov 99* 2214-2218
- H_∞ loopshaping, param., and weighted mixed sensitivity. *Guoxiang Gu*, +, *T-AC Apr 99* 846-852
- H^2 optimal model reduction, approx. approach. *Wei-Yong Yan*, +, *T-AC Jul 99* 1341-1358
- ident. of lin. models, finite sample props. *Weyer, E.*, +, *T-AC Jul 99* 1370-1383
- ident. of (over)parameterized model invariants. *Pintelon, R.*, +, *T-AC May 99* 1073-1077
- induction motor drives, current-fed, optimal torque control. *Canudas de Wit, C.*, +, *T-AC May 99* 1084-1089
- induction motors, current-fed, nonlin. H_2/H_∞ control. *Georges, D.*, +, *T-AC Jul 99* 1430-1435
- LQ stochastic control, integral quadratic constraints. *Lim, A.E.B.*, +, *T-AC Jul 99* 1359-1369
- Markov decision proc., constrained 2-factor dyn. prog. *Feinberg, E.A.*, +, *T-AC Mar 99* 628-631

- mfg., unreliable syst., random demands; optimal control. *Dong-Ping Song*, +, *T-AC Mar 99* 619-622
- perturb. stochastic approx., convergence rate. *Gerencser, L.*, *T-AC May 99* 894-905
- uncertain systs., robust stabil. margin, guaranteed lower bound computation. *Balakrishnan, V.*, +, *T-AC Nov 99* 2185-2190
- Minimum entropy methods**
lin. time-varying systs., min. entropy/risk-sensitive control rels. *Peters, M.A.*, +, *T-AC May 99* 1065-1069
- multirate sampled-data syst. H_∞ suboptimal control. *Li Qin*, +, *T-AC Mar 99* 537-550
- Missile control**
gain scheduling, observer state feedback controllers interpolation. *Stilwell, D.J.*, +, *T-AC Jun 99* 1225-1229
- Mixing**
fluid flow mixing control, max. entropy approach. *D Alessandro, D.*, +, *T-AC Oct 99* 1852-1863
- Modeling**
book review; Identification of Parametric Models from Experimental Data (Walter, E., and Pronzato, L.; 1997). *Godfrey, K.*, *T-AC Dec 99* 2321-2322
- discrete-event systs., obj.-oriented modeling/control. *Shayman, M.A.*, +, *T-AC Oct 99* 1864-1869
- realization, partial, Euclidean algm., and polynomials. *Kuijper, M.*, *T-AC May 99* 1013-1016
- uncertain lin. models, freq.-depend. error bounds. *Andersson, L.*, +, *T-AC Nov 99* 2094-2098
- Modeling; cf. Hidden Markov models**
- Model reference adaptive control systems**
discrete time model ref. systs., ident. and adaptive control, stabil. theorem. *Silveira, H.M.*, *T-AC Oct 99* 1947-1950
- discrete-time syst. robust MRAC param. update. *Tao, G.*, *T-AC Jan 99* 186-190
- interconnected syst. decentralized MRAC design. *Changyun Wen*, +, *T-AC Jul 99* 1464-1469
- stable plant H_∞ internal model control. *Datta, A.*, +, *T-AC Nov 99* 2130-2134
- underactuated robots, adaptive variable struct. set-point control. *Chun-Yi Su*, +, *T-AC Nov 99* 2090-2093
- Monte Carlo methods**
nonlin. nonnormal filter using rejection sampling. *Tanizaki, H.*, *T-AC Feb 99* 314-319
- Motion control**
manipulators, constrained, force/motion control. *Loria, A.*, +, *T-AC Jul 99* 1407-1412
- multi-DOF cooperating manipulators impact model/control. *Indri, M.*, +, *T-AC Jun 99* 1297-1303
- Moving average processes; cf. Autoregressive moving average processes**
- Multidimensional systems**
continuous-time systs., robust H_2 anal., convex methods. *Paganini, F.*, *T-AC Feb 99* 239-252
- delay syst. optimal robust control, Bezout factors. *Bonnet, C.*, +, *T-AC Aug 99* 1512-1521
- finite-dimens. nonlin. output feedback dyn. games, sector bounded nonlin. *Charalambous, C.D.*, +, *T-AC Sep 99* 1753-1759
- finite-dimens. risk-sensitive filters, smoothers. *Dey, S.*, +, *T-AC Jun 99* 1234-1239
- lin. reachability vs. global stabilization. *Hu, X.*, +, *T-AC Jun 99* 1303-1305
- lin. syst. integral control with actuator nonlin. *Logemann, H.*, +, *T-AC Jun 99* 1315-1319
- lin. time-varying systs. H^∞ control, controller parameterization. *Chee-Fai Yung*, +, *T-AC Nov 99* 2058-2062
- l_1/H_∞ optimal control, finite-dimens. discrete-time syst. *Rotstein, H.*, +, *T-AC Jun 99* 1240-1243
- MIMO 3D lin. systs., feedback stabilization. *Zhiping Lin*, *T-AC Oct 99* 1950-1955
- sampled-data syst. lifting, param. representation. *Mirkin, L.*, +, *T-AC Apr 99* 833-840
- uncertain syst. necessary/sufficient min. condition. *Beck, C.L.*, +, *T-AC Oct 99* 1802-1813
- Multilayer perceptrons**
Lure systs. with neural nets, absol. stabil. *Soykens, J.A.K.*, +, *T-AC Apr 99* 770-774
- Multi-robot systems**
2-manipulator syst., joint space control stabil. anal. *Caccavale, F.*, +, *T-AC Jan 99* 85-88
- multi-DOF cooperating manipulators impact model/control. *Indri, M.*, +, *T-AC Jun 99* 1297-1303
- Multivariable control systems**
decentralized control of seq. min.-phase systs. *Johansson, K.H.*, +, *T-AC Oct 99* 1909-1913
- H^2 optimal model reduction, approx. approach. *Wei-Yong Yan*, +, *T-AC Jul 99* 1341-1358
- multirate sampled-data syst. H_∞ suboptimal control. *Li Qin*, +, *T-AC Mar 99* 537-550
- nonlin. systs., stabilization, separation principle. *Atassi, A.N.*, +, *T-AC Sep 99* 1672-1687
- optimal eigenvalue assignment, 2 seq. stage method. *Iracleous, D.P.*, +, *T-AC Sep 99* 1746-1749
- Multivariable systems**
nonlin. systs., lin. blocks/static nonlin., ident. *Vandersteen, G.*, +, *T-AC Jun 99* 1266-1271
- Multivariable systems; cf. MIMO systems; Multivariable control systems**
- N
- Neural nets**
approx. scheme effectiveness. *Dingankar, A.T.*, *T-AC Nov 99* 2043-2044
- inverse control based neural network controllers. *Cabrera, J.B.D.*, +, *T-AC Nov 99* 2007-2027
- LP problem solving with neural networks. *Chong, E.K.P.*, +, *T-AC Nov 99* 1995-2006
- multivariable stochastic systs., output PDF, robust control, guaranteed stabil. *Hong Wang*, *T-AC Nov 99* 2103-2107
- neural networks in control, identification, and decision making (special section). *T-AC Nov 99* 1993-2057
- neural networks in control, identification, and decision making, special section intro. *Lemmon, M.D.*, +, *T-AC Nov 99* 1993-1994
- Neural nets; cf. Feedforward neural nets; Multilayer perceptrons; Neurocontrollers; Recurrent neural nets**
- Neurocontrollers**
decentralized adaptive control of nonlin. systs. using neural nets. *Spooner, J.T.*, +, *T-AC Nov 99* 2050-2057
- diagonal recurrent neural net-based adaptive SPSA control syst. *Ji, X.D.*, +, *T-AC Jul 99* 1469-1473
- inverse control based neural network controllers. *Cabrera, J.B.D.*, +, *T-AC Nov 99* 2007-2027
- Lure systs. with neural nets, absol. stabil. *Soykens, J.A.K.*, +, *T-AC Apr 99* 770-774
- neural networks in control, identification, and decision making (special section). *T-AC Nov 99* 1993-2057
- neural networks in control, identification, and decision making, special section intro. *Lemmon, M.D.*, +, *T-AC Nov 99* 1993-1994
- nonlin. control syst. wavelet-based ident. *Sureshbabu, N.*, +, *T-AC Feb 99* 412-417
- nonlin. dyn. syst. robust neurocontrol. *Rovithakis, G.A.*, *T-AC Jan 99* 102-108
- stabilization of feedback lin. systs. by neural net. *Kwanghee Nam*, *T-AC May 99* 1026-1031
- state estimator with bounded errors for nonlin. systs. *Alessandri, A.*, +, *T-AC Nov 99* 2028-2042
- Newton method**
bounded error param. estim., seq. analytic center approach. *Bai, E.-W.*, +, *T-AC Jun 99* 1107-1117
- Noise**
finite bandwidth feedback systs., disturbance rejection limitations. *Davison, D.E.*, +, *T-AC Jun 99* 1132-1144
- ident., closed-loop, indirect approach, motivation. *Ljung, L.*, +, *T-AC Nov 99* 2206-2209
- ident. of lin. models, finite sample props. *Weyer, E.*, +, *T-AC Jul 99* 1370-1383
- lin. SISO systs., freq.-domain ident., arbitrary excitations and nonparametric noise model. *Schoukens, J.*, +, *T-AC Feb 99* 343-347
- Noise abatement; cf. Active noise control**
- Nonlinear control systems**
adaptive estim./control of nonlin. parameterized systs. *Ai-Poh Loh*, +, *T-AC Sep 99* 1634-1652
- almost periodic nonlin. systs., state-space approach. *Seung Jean Kim*, +, *T-AC Jan 99* 66-70
- asymptotic convergence from L_p stabil., nonlin. systs. *Teel, A.R.*, *T-AC Nov 99* 2169-2170
- cascaded nonlin. systs., stable, Lyapunov fns., global stabilization. *Mazenc, F.*, +, *T-AC Sep 99* 1795-1800
- chained form nonholonomic systs., tracking control, recursive tech. *Zhong-Ping Jiang*, +, *T-AC Feb 99* 265-279
- continuous-time nonlin. systs., Benes nonlin., moments and stochastic integrals, finite-dimens. filters. *Elliott, R.J.*, +, *T-AC Oct 99* 1929-1933
- continuous-time nonlin. syst., worst case anal. *Fialho, I.J.*, +, *T-AC Jun 99* 1180-1196
- convergent chattering-free sliding mode control systs. *Kachroo, P.*, *T-AC Aug 99* 1620-1624
- dead-beat controllers and stabilizability. *Nesic, D.*, +, *T-AC Nov 99* 2068-2071
- decentralized adaptive control of nonlin. systs. using neural nets. *Spooner, J.T.*, +, *T-AC Nov 99* 2050-2057
- decentralized H_∞ -controller design. *Guang-Hong Yang*, +, *T-AC Mar 99* 578-583
- discrete-time adaptive nonlin. control, fund. limitations. *Liang-Liang Xie*, +, *T-AC Sep 99* 1777-1782
- discrete-time syst. deadbeat control, global stabil. *Bastin, G.*, +, *T-AC Jun 99* 1262-1266
- disturbance decoupling of SISO systs. by meas. feedback. *Xia, X.*, +, *T-AC Jul 99* 1425-1429
- dual-scale learning control of nonlin. uncertain systs. *Jiafi-Xin Xu*, +, *T-AC Oct 99* 1884-1888
- dyn. state feedback control struct. *Bazanella, A.S.*, +, *T-AC Mar 99* 588-592
- dyn. switching systs., stabil. investig. *Dayawansa, W.P.*, +, *T-AC Apr 99* 751-760
- feedback limits; Bode integrals/cheap control. *Serua, M.M.*, +, *T-AC Apr 99* 829-833
- feedforward nonlin. systs., logic-based switching adaptive stabilization. *Ye Xudong*, *T-AC Nov 99* 2174-2178
- impulsive control of nonlin. systs., asymptotic stabil. *Tao Yang*, *T-AC May 99* 1081-1083
- induction motor global adaptive output feedback control. *Marino, R.*, +, *T-AC May 99* 967-983
- induction motors, current-fed, nonlin. H_2/H_∞ control. *Georges, D.*, +, *T-AC Jul 99* 1430-1435
- input affine systs., H_∞ tracking control. *Ball, J.A.*, +, *T-AC Jun 99* 1202-1206
- lin., discrete-time approx., under output feedback. *Barbot, J.P.*, +, *T-AC Sep 99* 1729-1733
- lin.-in-the-params. feedback lin. systs., switching adaptive controller. *Kosmatopoulos, E.B.*, +, *T-AC Apr 99* 742-750
- lin. reachability vs. global stabilization. *Hu, X.*, +, *T-AC Jun 99* 1303-1305
- local stabil./perform. robustness of uncertain systs. *Ito, H.*, *T-AC Jun 99* 1250-1254
- Lure systs. with neural nets, absol. stabil. *Soykens, J.A.K.*, +, *T-AC Apr 99* 770-774
- nonhyperbolic internal dyn. systs., stable inversion. *Devasia, S.*, *T-AC Jul 99* 1419-1425
- nonlin. bounded control for norm-bounded uncertain systs. *Garcia, G.*, +, *T-AC Jun 99* 1254-1258
- nonlin. systs., constrained, predictive command governors. *Angeli, D.*, +, *T-AC Apr 99* 816-820

- null-controllable lin. syst. predictive control. *Casavola, A.*, +, *T-AC Nov 99* 2226-2230
- observable min. phase SISO nonlin. systs., time-varying params., adaptive output feedback control. *Marino, R.*, +, *T-AC Nov 99* 2190-2194
- observer design. *Shim, H.*, +, *T-AC Mar 99* 587
- planar body with unilateral thrusters, controllability. *Lynch, K.M.*, *T-AC Jun 99* 1206-1211
- robot arm decentralized nonlin. adaptive tracking. *Ming Liu*, *T-AC Feb 99* 357-363
- robust adaptive backstepping for unmodeled dyn. *Zhong-Ping Jiang*, +, *T-AC Sep 99* 1705-1711
- robust stabilization w.r.t. pointwise norm-bounded uncertainties. *Battilotti, S.*, *T-AC Jan 99* 3-17
- SISO uncertain nonlin. systs., global output feedback controls, almost disturbance decoupling. *Marino, R.*, +, *T-AC Jan 99* 18-28
- stabilization, separation principle. *Atassi, A.N.*, +, *T-AC Sep 99* 1672-1687
- state lin. up to output injection, output transforms. *Besancon, G.*, *T-AC Oct 99* 1975-1981
- stochastic discrete-time adaptive predictive control. *Chen Wei*, +, *T-AC Sep 99* 1725-1729
- stochastic nonlin. continuous-time systs., global output-feedback stabilization. *Hua Deng*, +, *T-AC Feb 99* 328-333
- strict feedback nonlin. systs., param. convergence. *Jung-Shan Lin*, +, *T-AC Jan 99* 89-94
- suboptimal model predictive control, stabilizing scheme. *Scokaert, P.O.M.*, +, *T-AC Mar 99* 648-654
- time-varying nonlin. systs., unified stabil. anal. *Chun-Bo Feng*, +, *T-AC May 99* 998-1002
- time-varying uncertain syst. robust state feedback. *Blanchini, F.*, +, *T-AC Apr 99* 802-807
- triangular nonlin. systs., sliding observer-control design. *Ahmed-Ali, T.*, +, *T-AC Jun 99* 1244-1249
- underactuated mech. systs., dyn., control, stabil. *Reyhanoğlu, M.*, +, *T-AC Sep 99* 1663-1671
- unknown discrete-time nonlin. fading memory syst., nonparametric output prediction. *Kulkarni, S.R.*, +, *T-AC Jan 99* 29-37
- unmodeled dyn. robustness. *Youping Zhang*, +, *T-AC Jan 99* 119-124
- wavelet-based syst. ident. for nonlin. control. *Sureshbabu, N.*, +, *T-AC Feb 99* 412-417
- Nonlinear differential equations**
change-point problem, perform. anal. *Hibey, J.L.*, +, *T-AC Aug 99* 1628-1632
- Nonlinear dynamical systems**
continuous-time nonlin. syst., worst case anal. *Fialho, I.J.*, +, *T-AC Jun 99* 1180-1196
- inverse control based neural network controllers. *Cabrera, J.B.D.*, +, *T-AC Nov 99* 2007-2027
- robust high-order neural net control. *Rovithakis, G.A.*, *T-AC Jan 99* 102-108
- Nonlinear equations**
pseudo-lin. regression ident. algms. stationary points. *Regalia, P.A.*, +, *T-AC May 99* 994-998
- Nonlinear equations; cf. Nonlinear differential equations**
- Nonlinear filters**
class. of four-dimensional estim. algebras. *Yau, S.S.T.*, +, *T-AC Dec 99* 2312-2318
- clustering adaptive nonlin. filters efficient algm. *Lainiotis, D.G.*, +, *T-AC Jul 99* 1454-1459
- discrete-time EKF, stochastic stabil. *Reif, K.*, +, *T-AC Apr 99* 714-728
- doubly stochastic AR model exact filter. *Evans, J.*, +, *T-AC Apr 99* 794-798
- nonnormal filter using rejection sampling. *Tanizaki, H.*, *T-AC Feb 99* 314-319
- white noise additive nonlin. filters rep. result. *Mazumdar, R.R.*, +, *T-AC Jan 99* 124-129
- Nonlinear programming**
finite-precision PID control, stabil. bound optim. *Chen, S.*, +, *T-AC Nov 99* 2149-2153
- Nonlinear programming; cf. Convex programming; Quadratic programming**
- Nonlinear systems**
autonomous underwater vehicle time-varying stabilization. *Pettersen, K.Y.*, +, *T-AC Jan 99* 112-115
- clustering adaptive nonlin. filters efficient algm. *Lainiotis, D.G.*, +, *T-AC Jul 99* 1454-1459
- continuous-time nonlin. hybrid syst. densities. *Hibey, J.L.*, +, *T-AC Nov 99* 2164-2169
- continuous-time nonlin. stochastic dyn. syst., max. likelihood state estim., Mortensen eqn. *Aihara, S.*, +, *T-AC Oct 99* 1955-1961
- continuous-time syst. digital redesign, Laplace transform. *Rosenvasser, Ye.N.*, +, *T-AC Apr 99* 883-886
- continuous-time syst. piecewise lin. constrained control. *Benzaouia, A.*, +, *T-AC Jul 99* 1477-1481
- diagonal recurrent neural net-based adaptive SPSA control syst. *Ji, X.D.*, +, *T-AC Jul 99* 1469-1473
- discrete-time EKF, stochastic stabil. *Reif, K.*, +, *T-AC Apr 99* 714-728
- discrete time nonlin. syst. ident., Kalman filter. *Glielmo, L.*, +, *T-AC Aug 99* 1546-1549
- discrete time nonlin. syst., induced norm/nonlin. *Yun-Chung Chu*, +, *T-AC Mar 99* 471-483
- discrete-time nonlin. syst. Kalman observer. *Boutayeb, M.*, +, *T-AC Aug 99* 1550-1556
- disturbance atten./perform. bounds. *Isidori, A.*, +, *T-AC Aug 99* 1535-1545
- drifting sens. gain nonlin. filtering/observers. *Vincent, T.L.*, +, *T-AC Mar 99* 509-520
- feedback nonlin. syst. stabil. condition. *Hagiwara, T.*, +, *T-AC Aug 99* 1573-1577
- filter, stochastic, 2nd.-order, involving coord. transform. *Kwanghee Nam*, +, *T-AC Mar 99* 603-608
- finite-dimens. risk-sensitive filters, smoothers. *Dey, S.*, +, *T-AC Jun 99* 1234-1239
- flat nonlin. syst. Lie-Backlund equivalence. *Fliess, M.*, +, *T-AC May 99* 922-937
- H_∞ control, asymptotic stabil. *Weizhou Su*, +, *T-AC May 99* 989-993
- iter. learning controller with init. state learning. *Chen, Y.*, +, *T-AC Feb 99* 371-376
- lin. blocks/static nonlin. syst., meas./ident. *Vandersteen, G.*, +, *T-AC Jun 99* 1266-1271
- neural state estimator with bounded errors for nonlin. systs. *Alessandri, A.*, +, *T-AC Nov 99* 2028-2042
- nonaffine nonlin. syst. min. phase props. *Nesic, D.*, +, *T-AC Apr 99* 868-872
- noninteracting control via static feedback. *Battilotti, S.*, *T-AC Apr 99* 774-779
- observer-based fault detect./isolation. *Hammouri, H.*, +, *T-AC Oct 99* 1879-1884
- output nonlin., RLS algm. compensation. *Wigren, T.*, +, *T-AC Oct 99* 1913-1918
- param. ident. of 2-segment nonlin. Hammerstein systs. *Voros, J.*, *T-AC Nov 99* 2145-2149
- repeated scalar nonlin. syst. stabilization/synthesis. *Yun-Chung Chu*, +, *T-AC Mar 99* 484-496
- robust H_∞ control design, feedforward compensators. *Giusto, A.*, +, *T-AC Aug 99* 1578-1582
- smooth nonlin. syst. feedback stabilization. *Outib, R.*, +, *T-AC Jan 99* 200-202
- state nonlin. obs. by H_∞ -filtering Riccati design. *Reif, K.*, +, *T-AC Jan 99* 203-208
- state observer design methodology. *Busawon, K.K.*, +, *T-AC Nov 99* 2098-2103
- stochastic nonlin. discrete-time syst. anal. via LMI. *Yaz, Y.I.*, +, *T-AC Apr 99* 813-816
- uncertain nonlin. syst. robust control via meas. feedback. *Zhong-Ping Jiang*, +, *T-AC Apr 99* 807-812
- Volterra systs., feedback, small gain theorem/anal. *Qingsheng Zheng*, +, *T-AC Mar 99* 635-640
- Nonlinear systems; cf. Bilinear systems; Nonlinear control systems; Nonlinear dynamical systems**
- Nonparametric statistics**
unknown discrete-time nonlin. fading memory syst., nonparametric output prediction. *Kulkarni, S.R.*, +, *T-AC Jan 99* 29-37
- Notch filters**
sinusoidal sig., globally convergent freq. estimator. *Liu Hsu*, +, *T-AC Apr 99* 698-713
- Number theory**
neural network approx. scheme effectiveness. *Dingankar, A.T.*, *T-AC Nov 99* 2043-2044
- Numerical analysis**
consistency issues for num. methods for variance control appls. to optim. in finance. *Kushner, H.J.*, *T-AC Dec 99* 2283-2296
- polynomial matrix triangularization, num. methods. *Henrion, D.*, +, *T-AC Mar 99* 497-508
- Numerical analysis; cf. Approximation theory; Convergence of numerical methods; Difference equations; Extrapolation; Functional equations; Function approximation; Interpolation; Iterative methods; Least squares approximations; Monte Carlo methods; Relaxation theory**
- Numerical stability**
discrete-time alg. Riccati eqn., efficient algm. *Lu, L.-Z.*, +, *T-AC Jun 99* 1216-1220
- unconstrained tangential interpolation, recursive method. *Boros, T.*, +, *T-AC Mar 99* 454-470
- Nyquist diagrams**
finite bandwidth feedback systs., disturbance rejection limitations. *Davison, D.E.*, +, *T-AC Jun 99* 1132-1144

O

- disturbance decoupled functional observer design. *Hou, M.*, +, *T-AC Feb 99* 382-386
- drifting sens. gain nonlin. filtering/observers. *Vincent, T.L.*, +, *T-AC Mar 99* 509-520
- gain scheduling, observer state feedback controllers interpolation. *Stilwell, D.J.*, +, *T-AC Jun 99* 1225-1229
- I-O methods/stabilizability of unbounded control/obs. systs. *Morris, K.A.*, *T-AC Jan 99* 81-85
- lin. continuous-time systs., receding horizon Kalman FIR filter. *Wook Hyun Kwon*, +, *T-AC Nov 99* 2115-2120
- lin., discrete-time approx., under output feedback. *Barbot, J.P.*, +, *T-AC Sep 99* 1729-1733
- lin. time-varying syst. obs. design, LSA. *Min-Shin Chen*, +, *T-AC Sep 99* 1742-1745
- lin. time-varying systs., set-valued observers, optimal disturbance rejection. *Shamma, J.S.*, +, *T-AC Feb 99* 253-264
- LTI discrete-time state observers unification. *Ploix, S.*, +, *T-AC Feb 99* 422-426
- LTI MIMO syst. stabilizing control with integral action. *Gundes, A.N.*, +, *T-AC Jan 99* 116-119
- multi-DOF cooperating manipulators impact model/control. *Indri, M.*, +, *T-AC Jun 99* 1297-1303
- nonlin. discrete-time syst. Kalman observer. *Boutayeb, M.*, +, *T-AC Aug 99* 1550-1556
- nonlin. state obs. by H_∞ -filtering Riccati design. *Reif, K.*, +, *T-AC Jan 99* 203-208
- nonlin. systs., observer-based fault detect./isolation. *Hammouri, H.*, +, *T-AC Oct 99* 1879-1884
- nonlin. systs., stabilization, separation principle. *Atassi, A.N.*, +, *T-AC Sep 99* 1672-1687
- nonlin. systs., state lin. up to output injection, output transforms. *Besancon, G.*, *T-AC Oct 99* 1975-1981
- nonlin. systs., state observer design methodology. *Busawon, K.K.*, +, *T-AC Nov 99* 2098-2103
- nonlin. systs., steady state, observer design. *Shim, H.*, +, *T-AC Mar 99* 587
- observer synthesis in behavioral approach. *Valcher, M.E.*, +, *T-AC Dec 99* 2207-2307
- parallel exponential heterog. servers, static customer assignment. *Koole, G.*, *T-AC Aug 99* 1588-1592
- probabilistic discrete-event systs. with recovery, supervisory control. *Yonghua Li*, +, *T-AC Oct 99* 1971-1975
- receding horizon discrete-time state observer. *Ling, K.V.*, +, *T-AC Sep 99* 1750-1753
- reduced-order observers without internal delays, design. *Darouach, M.*, +, *T-AC Sep 99* 1711-1713
- robust fault detect., parity rel.-based residual generation. *Ding, X.*, +, *T-AC Feb 99* 337-343
- triangular nonlin. systs., sliding observer-control design. *Ahmed-Ali, T.*, +, *T-AC Jun 99* 1244-1249
- Operations research; cf. Stock control**
- Optimal control**
- affine problem, discrete-time optimal control appl. *Yu-Hong Zhou*, +, *T-AC Apr 99* 826-829
- book review; Robust and Optimal Control (Zhou, K., et al.; 1995). *Ozcelik, S.*, *T-AC Mar 99* 664-665
- commun. networks, optimal traffic shapers design. *Anantharam, V.*, +, *T-AC Mar 99* 583-586
- consistency issues for num. methods for variance control appls. to optim. in finance. *Kushner, H.J.*, *T-AC Dec 99* 2283-2296
- continuous-time nonlin. syst., worst case anal. *Fialho, I.J.*, +, *T-AC Jun 99* 1180-1196
- delay syst. optimal robust control, Bezout factors. *Bonnet, C.*, +, *T-AC Aug 99* 1512-1521
- discrete-time lin. syst., harmonic disturbances, optimal tracking, universal regulators. *Lindquist, A.*, +, *T-AC Sep 99* 1688-1704
- discrete-time lin. time-varying systs., Gabor transform, exact representation and approx. *Roitstein, H.*, +, *T-AC Apr 99* 729-741
- dyn. decentralized robust output feedback control. *Geromel, J.C.*, +, *T-AC Jul 99* 1449-1454
- finite-precision PID control, stabil. bound optim. *Chen, S.*, +, *T-AC Nov 99* 2149-2153
- first-order optimal reduced-delay sample-data holds. *Leonard, F.*, *T-AC Jul 99* 1446-1449
- HMM chains, risk-sensitive optimal control anal. *Hernandez-Hernandez, D.*, +, *T-AC May 99* 1093-1100
- H_2 guaranteed cost sliding mode control design. *Takahashi, R.H.C.*, +, *T-AC Nov 99* 2214-2218
- lin. time-varying systs., set-valued observers, optimal disturbance rejection. *Shamma, J.S.*, +, *T-AC Feb 99* 253-264
- l^1 -optimal control and dual LP, multiple solns. *Alpay, M.E.*, +, *T-AC May 99* 1089-1093
- mfg. flow control av. cost minimization. *Veatch, M.H.*, +, *T-AC Apr 99* 779-783
- mfg. flow control, zero inventory policy. *Veatch, M.H.*, +, *T-AC May 99* 914-921
- mfg., unreliable syst., random demands; optimal control. *Dong-Ping Song*, +, *T-AC Mar 99* 619-622
- min. cost variance control problems, coupled matrix Riccati eqns. *Freiling, G.*, +, *T-AC Mar 99* 556-560
- perturbed lin. syst. optimal control, correction. *Smith, R.*, +, *T-AC Oct 99* 1900-1901
- spacecraft, inverse optimal stabilization, feedback constr. *Krstic, M.*, +, *T-AC May 99* 1042-1049
- Optimal control; cf. Cost optimal control; H^∞ control; Linear quadratic control; Suboptimal control**
- Optimization**
- bounded uncertain systs., robustness. *Tits, A.L.*, +, *T-AC Jan 99* 50-65
- continuous-time syst. digital redesign, Laplace transform. *Rosenvasser, Ye.N.*, +, *T-AC Apr 99* 883-886
- delay syst. optimal robust control, Bezout factors. *Bonnet, C.*, +, *T-AC Aug 99* 1512-1521
- drifting sens. gain nonlin. filtering/observers. *Vincent, T.L.*, +, *T-AC Mar 99* 509-520
- duality in multiplier-based robustness anal. *Jonsson, U.*, *T-AC Dec 99* 2246-2256
- dyn. decentralized robust output feedback control. *Geromel, J.C.*, +, *T-AC Jul 99* 1449-1454
- dyn. syst. fault diagnosis, freq. domain optim. *Sauter, D.*, +, *T-AC Apr 99* 878-882
- finite-dimens. risk-sensitive filters, smoothers. *Dey, S.*, +, *T-AC Jun 99* 1234-1239
- fluid flow mixing control, max. entropy approach. *D Alessandro, D.*, +, *T-AC Oct 99* 1852-1863
- ident., primary output estim. from secondary meas. *Ergon, R.*, *T-AC Apr 99* 821-825
- ident., recursive, of ARMAX model in closed loop. *Landau, I.D.*, +, *T-AC Apr 99* 840-843
- LTI continuous-time syst. fast ident., model complexity. *Lin Lin*, +, *T-AC Oct 99* 1814-1828
- LTI syst. fixed-order control. *Iwasaki, T.*, *T-AC Apr 99* 783-788
- mfg., failure-prone systs., perturb. adaptive control. *Qian-Yu Tang*, +, *T-AC Sep 99* 1719-1725
- mfg. flow control, zero inventory policy. *Veatch, M.H.*, +, *T-AC May 99* 914-921
- MIMO syst. stabilization via output/state feedback. *Yong-Yan Cao*, +, *T-AC Jun 99* 1277-1282
- mixed time/freq. robust ident. parametric extension. *Panrilo, P.A.*, +, *T-AC Feb 99* 364-369
- nonlin. feedback syst. stabil. condition. *Hagiwara, T.*, +, *T-AC Aug 99* 1573-1577
- ordinal optim. using goal softening. *Loo Hay Lee*, +, *T-AC Jan 99* 94-99
- reduced-order filter/parametrization/optim. *Lihua Xie*, +, *T-AC Feb 99* 418-422
- single-part-type mfg. systs. optimal hedging points. *Xin-Zhen Yu*, +, *T-AC Feb 99* 379-382
- sing. stochastic discrete-time syst. filtering/prediction. *Huanshui Zhang*, +, *T-AC Nov 99* 2154-2158
- Optimization; cf. Gradient methods; H^∞ optimization; Minimax techniques; Minimization; Simulated annealing**
- P**
- Parallel algorithms**
- Lyapunov eqns., large, sparse, parallel soln. by decomp. *Zecevic, A.I.*, +, *T-AC Mar 99* 612-618
- Parameter estimation**
- automotive engine fault detect. by model based probabilistic approach. *Dinca, L.*, +, *T-AC Nov 99* 2200-2205
- constrained logarithmic least sq. *Er-Wei Bai*, +, *T-AC Jan 99* 182-186
- curve evol. models, real-time ident. plasma etching appl. *Berg, J.*, +, *T-AC Jan 99* 99-102
- discrete time nonlin. syst. ident., Kalman filter. *Glielmo, L.*, +, *T-AC Aug 99* 1546-1549
- globally stabilizing adaptive controller, generically destabilizing param. estim. *Townley, S.*, *T-AC Nov 99* 2238-2241
- Hammerstein systs. with 2-segment nonlin., ident. *Voros, J.*, *T-AC Nov 99* 2145-2149
- induction motor global adaptive output feedback control. *Marino, R.*, +, *T-AC May 99* 967-983
- interconnected syst. decentralized MRAC design. *Changyun Wen*, +, *T-AC Jul 99* 1464-1469
- lin. state-space systs. ident., bal. canonical forms. *Bauer, D.*, +, *T-AC Jun 99* 1118-1131
- lin. stochastic systs., sampling and param. estim. *Duncan, T.E.*, +, *T-AC Nov 99* 2120-2125
- robust indirect adaptive control scheme, dead zone tech. *Gang Feng*, *T-AC Sep 99* 1764-1768
- strict feedback nonlin. systs., param. convergence. *Jung-Shan Lin*, +, *T-AC Jan 99* 89-94
- time-varying lin. systs., ident. and adaptive control, achievable perform. bounds. *Kavikanth, R.*, +, *T-AC Apr 99* 670-682
- Parameter estimation; cf. Delay estimation; Frequency estimation; Maximum likelihood estimation; Recursive estimation**
- Partial differential equations**
- continuous-time nonlin. hybrid syst. densities. *Hibey, J.L.*, +, *T-AC Nov 99* 2164-2169
- finite-dimens. nonlin. output feedback dyn. games, sector bounded nonlin. *Charalambous, C.D.*, +, *T-AC Sep 99* 1753-1759
- Perceptrons; cf. Multilayer perceptrons**
- Performance index**
- dyn. syst. fault diagnosis, freq. domain optim. *Sauter, D.*, +, *T-AC Apr 99* 878-882
- H_∞ loopshaping, param. and weighted mixed sensitivity. *Guoxiang Gu*, +, *T-AC Apr 99* 846-852
- Periodic control**
- discrete time periodic syst. sing./nonsingular filtering. *Bittanti, S.*, +, *T-AC Jan 99* 222-227
- indirect adaptive periodic control. *Dimogianopoulos, D.*, +, *T-AC Dec 99* 2308-2312
- lin. ω -periodic discrete-time systs., robust disturbance-rejection problems. *Shiomi, K.*, +, *T-AC Aug 99* 1615-1620
- nonlin. almost periodic systs., state-space approach. *Seung Jean Kim*, +, *T-AC Jan 99* 66-70
- periodically time-varying syst. static output feedback. *Min-Shin Chen*, +, *T-AC Jan 99* 218-222
- periodic descriptor systs., solvability/conditionability. *Sreedhar, J.*, +, *T-AC Feb 99* 310-313
- sampled data control, periodically time-varying controllers, perform. anal. *Cishen Zhang*, +, *T-AC Aug 99* 1607-1611
- semiglobal stabilization of continuous-time systs. with bounded inputs. *Lozano, R.*, +, *T-AC Dec 99* 2318-2320

Perturbation techniques

- Kiefer-Wolfowitz algm. with randomized differences. *Chen, H.F.*, +, *T-AC Mar 99 442-453*
 Markov proc. single sample path-based sensitivity anal. *Zikuan Liu*, +, *T-AC Apr 99 872-875*
 mfg., failure-prone systs., perturb. adaptive control. *Qian-Yu Tang*, +, *T-AC Sep 99 1719-1725*
 uncertain perturbed systs., C-controllability/observability. *Chong Lin*, +, *T-AC Sep 99 1768-1773*

Perturbation techniques; cf. Singularly perturbed systems**Petri nets**

- assembly job flow control, stochastic timed-event graphs. *Ayhan, H.*, +, *T-AC Apr 99 864-868*
 completely controlled Petri nets, liveness, supervisory policies synthesis. *Sreenivas, R.S.*, *T-AC Jun 99 1221-1225*
 controlled Petri net liveness supervisory policy. *Sreenivas, R.S.*, *T-AC Jan 99 173-177*
 safe timed Petri nets, modeling and anal. using heaps of pieces. *Gaubert, S.*, +, *T-AC Apr 99 683-697*
 timed-event graphs, greatest lin. feedback synthesis. *Cottenceau, B.*, +, *T-AC Jun 99 1258-1262*

Pole assignment

- robust indirect adaptive control scheme, dead zone tech. *Gang Feng*, *T-AC Sep 99 1764-1768*
 robust pole placement in LMI regions. *Chilali, M.*, +, *T-AC Dec 99 2257-2270*
 state space uncertain systs., parametric stabil. margin improvement under pole assignment. *Tingshu Hu*, +, *T-AC Oct 99 1938-1942*

Poles and zeros

- analytic phase margin design of compensation. *Dorato, P.*, +, *T-AC Oct 99 1894-1900*
 approx. pulse transfer fns. *Blachura, M.J.*, *T-AC Nov 99 2062-2067*
 decentralized control of seq. min.-phase systs. *Johansson, K.H.*, +, *T-AC Oct 99 1909-1913*
 decouplable MIMO syst. limiting zeros. *Weller, S.R.*, *T-AC Jan 99 129-134*
 ident., role of general orthonormal bases. *Ninness, B.*, +, *T-AC Jul 99 1384-1406*
 input-output form bilinear systs., stabil. props. and periodic evol. *Fornasini, E.*, +, *T-AC Jun 99 1197-1202*
 lin. continuous time-varying systs., poles and zeros at infinity. *Bourles, H.*, +, *T-AC Oct 99 1981-1985*
 LQ control with eigenvalue placement in vert. strip. *Koshkouei, A.J.*, +, *T-AC Jul 99 1417-1419*
 MIMO 3D lin. systs., feedback stabilization. *Zhiping Lin*, *T-AC Oct 99 1950-1955*
 model reduction, regional pole/covariance realizations. *Zidong Wang*, +, *T-AC Oct 99 1889-1893*
 nonlin. discrete-time deadbeat control, global stabil. *Bastin, G.*, +, *T-AC Jun 99 1262-1266*
 periodic discrete time syst. sing./nonsingular filtering. *Bittanti, S.*, +, *T-AC Jan 99 222-227*
 pulse transfer fn., word length for small sampling periods. *Gessing, R.*, *T-AC Sep 99 1760-1764*
 pulse transfer fn. zeros. *Blachuta, M.J.*, *T-AC Jun 99 1229-1234*
 Routh test, simple proof. *Ferrante, A.*, +, *T-AC Jun 99 1306-1309*
 symmetric composite systs., fault tolerant decentralized H_{∞} control. *Shoudong Huang*, +, *T-AC Nov 99 2108-2114*

Polynomial matrices

- behavioral based H_{∞} control, full inform. case. *Trentelman, H.L.*, +, *T-AC Mar 99 521-536*
 lin. continuous time-varying systs., poles and zeros at infinity. *Bourles, H.*, +, *T-AC Oct 99 1981-1985*
 realization, partial, Euclidean algm., and polynomials. *Kuijper, M.*, *T-AC May 99 1013-1016*
 triangularization, num. methods. *Henrion, D.*, +, *T-AC Mar 99 497-508*

Polynomials

- diamond polynomial family, robust stabil., extreme point results, discrete time counterparts. *Hwan Il Kang*, *T-AC Aug 99 1613-1615*
 discrete stochastic control, Wiener/polynomial systs. *Grimble, M.J.*, *T-AC Nov 99 2125-2130*
 discrete-time adaptive nonlin. control, fund. limitations. *Liang-Liang Xie*, +, *T-AC Sep 99 1777-1782*
 interpolation with degree constraint, trig. polynomials. *Georgiou, T.T.*, *T-AC Mar 99 631-635*
 Kharitonov theorem with degree drop. *Willems, J.C.*, +, *T-AC Nov 99 2218-2220*
 lin. systs. over principal ideal domain, feedback invariance props. *Assan, J.*, +, *T-AC Aug 99 1624-1628*
 MIMO 3D lin. systs., feedback stabilization. *Zhiping Lin*, *T-AC Oct 99 1950-1955*
 nonlin. filters with white noise, rep. result. *Mazumdar, R.R.*, +, *T-AC Jan 99 124-129*
 Routh test, simple proof. *Ferrante, A.*, +, *T-AC Jun 99 1306-1309*
 strong stabilization over polytopes. *Jetto, L.*, *T-AC Jun 99 1211-1216*
 struct. polynomial systs., controllability anal. *Nesic, D.*, +, *T-AC Apr 99 761-764*
 uncertain polynomials/transfer fns., value set constr., adaptive ang. sweep algm. *Wilson, B.H.*, +, *T-AC Mar 99 551-555*
 unconstrained tangential interpolation, recursive method. *Boros, T.*, +, *T-AC Mar 99 454-470*

Polynomials; cf. Splines (mathematics)**Popov criterion**

- nonlin. feedback syst. stabil. condition. *Hagiwara, T.*, +, *T-AC Aug 99 1573-1577*
 time-varying param. systs., slowly varying, Popov criterion. *Jonsson, U.*, *T-AC Apr 99 844-846*

Position control

- autonomous underwater vehicle time-varying stabilization. *Pettersen, K.Y.*, +, *T-AC Jan 99 112-115*
 chained form nonholonomic systs., tracking control, recursive tech. *Zhong-Ping Jiang*, +, *T-AC Feb 99 265-279*

- manipulator adaptive force/posn. tracking control. *Villani, L.*, +, *T-AC Apr 99 798-802*

Prediction theory

- book review; Adaptive Prediction and Predictive Control (Kanjilal, P.P.). *Rao, G.P.*, *T-AC Jul 99 1482-1483*
 distributed-param. syst. model/control, approx. prediction. *Leland, R.P.*, *T-AC Mar 99 623-627*
 H_{∞} filters/predictors, convergence conditions. *Bolzern, P.*, +, *T-AC Aug 99 1564-1568*
 ident., recursive, of ARMAX model in closed loop. *Landau, I.D.*, +, *T-AC Apr 99 840-843*
 sing. stochastic discrete-time syst. filtering/prediction. *Huanshui Zhang*, +, *T-AC Nov 99 2154-2158*
 unknown discrete-time nonlin. fading memory syst., nonparametric output prediction. *Kulkarni, S.R.*, +, *T-AC Jan 99 29-37*

Predictive control

- book review; Adaptive Prediction and Predictive Control (Kanjilal, P.P.). *Rao, G.P.*, *T-AC Jul 99 1482-1483*
 dead-time compensator, higher-order procs., modified Smith predictor. *Matausek, M.R.*, +, *T-AC Aug 99 1603-1606*
 LQ preview synthesis, worst case anal. *Kojima, A.*, +, *T-AC Feb 99 352-357*
 nonlin. stochastic discrete-time adaptive predictive control. *Chen Wei*, +, *T-AC Sep 99 1725-1729*
 nonlin. systs., constrained, predictive command governors. *Angeli, D.*, +, *T-AC Apr 99 816-820*
 null-controllable lin. syst. predictive control. *Casavola, A.*, +, *T-AC Nov 99 2226-2230*
 suboptimal model predictive control, stabilizing scheme. *Scokaert, P.O.M.*, +, *T-AC Mar 99 648-654*
 suboptimal multistage dual control using optimal predictors. *Maitelli, A.L.*, +, *T-AC May 99 1002-1008*

Probabilistic automata

- stochastic discrete-event systs., probabilistic lang. formalism. *Garg, V.K.*, +, *T-AC Feb 99 280-293*

Probability

- abrupt change detect. in sigs./control syst. *Tze Leung Lai*, +, *T-AC May 99 952-966*
 assembly job flow control, stochastic timed-event graphs. *Ayhan, H.*, +, *T-AC Apr 99 864-868*
 automotive engine fault detect. by model based probabilistic approach. *Dinca, L.*, +, *T-AC Nov 99 2200-2205*
 changepoint problem, perform. anal. *Hibey, J.L.*, +, *T-AC Aug 99 1628-1632*
 continuous-time nonlin. hybrid syst. densities. *Hibey, J.L.*, +, *T-AC Nov 99 2164-2169*
 discrete-event systs., probabilistic, with recovery, supervisory control. *Yonghua Li*, +, *T-AC Oct 99 1971-1975*
 ident. of lin. models, finite sample props. *Weyer, E.*, +, *T-AC Jul 99 1370-1383*
 Markov control procs., sample-path av. optimality. *Lasserre, J.B.*, *T-AC Oct 99 1966-1971*
 Markov proc. single sample path-based sensitivity anal. *Zikuan Liu*, +, *T-AC Apr 99 872-875*
 multivariable stochastic systs., output PDF, robust control, guaranteed stabil. *Hong Wang*, *T-AC Nov 99 2103-2107*
 NARX model ident. via regularization networks. *De Nicolao, G.*, +, *T-AC Nov 99 2045-2049*
 optim., ordinal, using goal softening. *Loo Hay Lee*, +, *T-AC Jan 99 94-99*
 parallel exponential heterog. servers, static customer assignment. *Koole, G.*, *T-AC Aug 99 1588-1592*
 Shiryaev seq. probab. ratio test, fault detect. *Malladi, D.P.*, +, *T-AC Aug 99 1522-1534*
 single-part-type mfg. systs. optimal hedging points. *Xin-Zhen Yu*, +, *T-AC Feb 99 379-382*

Problem solving

- LP problem solving with neural networks. *Chong, E.K.P.*, +, *T-AC Nov 99 1995-2006*

Process control

- curve evol. models, real-time ident. plasma etching appl. *Berg, J.*, +, *T-AC Jan 99 99-102*
 fluid flow mixing control, max. entropy approach. *D Alessandro, D.*, +, *T-AC Oct 99 1852-1863*

Production; cf. Assembling**Production control**

- assembly job flow control, stochastic timed-event graphs. *Ayhan, H.*, +, *T-AC Apr 99 864-868*
 failure-prone mfg. systs., adaptive prod. planning. *Duncan, T.E.*, +, *T-AC Feb 99 427-430*
 FMS path-clearing/scheduling policies. *Burgess, K.*, +, *T-AC Mar 99 573-578*
 mfg., failure-prone systs., perturb. adaptive control. *Qian-Yu Tang*, +, *T-AC Sep 99 1719-1725*
 mfg. flow control av. cost minimization. *Veatch, M.H.*, +, *T-AC Apr 99 779-783*
 mfg. flow control, zero inventory policy. *Veatch, M.H.*, +, *T-AC May 99 914-921*
 serial transfer lines with machine/buffer failure, steady-state perform. anal. *Lipset, R.*, +, *T-AC Feb 99 319-325*
 single-part-type mfg. systs. optimal hedging points. *Xin-Zhen Yu*, +, *T-AC Feb 99 379-382*

Q**Quadratic programming**

- nonlin. systs., constrained, predictive command governors. *Angeli, D.*, +, *T-AC Apr 99 816-820*

Quality control

- two-stage prod. syst., coord. QC. *Yao, D.D.*, +, *T-AC Jun 99 1166-1179*

Queueing theory

- FIFO fluid networks diverging paths. *Dumas, V.*, *T-AC Jan 99 191-194*
 parallel exponential heterog. servers, static customer assignment. *Koole, G.*, *T-AC Aug 99 1588-1592*

R

Radial basis function networks

decentralized adaptive control of nonlin. systs. using neural nets. *Spooner, J.T.*, +, *T-AC Nov 99* 2050-2057
 NARX model ident. via regularization networks. *De Nicolao, G.*, +, *T-AC Nov 99* 2045-2049

stabilization of feedback lin. systs. by neural net. *Kwanghee Nam*, *T-AC May 99* 1026-1031

Random noise; cf. White noise**Random processes**

mfg., unreliable syst., random demands; optimal control. *Dong-Ping Song*, +, *T-AC Mar 99* 619-622

seq. sampling problem, optimal index policy. *Castanon, D.*, +, *T-AC Jan 99* 145-148

Random processes; cf. Queuing theory**Rational functions**

input-output form bilinear systs., stabil. props. and periodic evol. *Fornasini, E.*, +, *T-AC Jun 99* 1197-1202

parametric rational fns., boundary computation. *Sy-Kang Shen*, +, *T-AC Jan 99* 227-231

rational transfer fn. ident. from truncated autocovariance. *Desbouvries, F.*, +, *T-AC May 99* 1078-1081

strictly pos. real fn. preservation, stabilization. *Fernandez-Anaya, G.*, *T-AC Nov 99* 2171-2174

unconstrained tangential interpolation, recursive method. *Boros, T.*, +, *T-AC Mar 99* 454-470

Reachability analysis

discrete-time descriptor systs., Lyapunov/Riccati eqns. *Liqian Zhang*, +, *T-AC Nov 99* 2134-2139

Realization theory

finite-precision PID control, stabil. bound optim. *Chen, S.*, +, *T-AC Nov 99* 2149-2153

partial realization, Euclidean algm. and polynomials. *Kuijper, M.*, *T-AC May 99* 1013-1016

Real-time systems

curve evol. models, real-time ident. plasma etching appl. *Berg, J.*, +, *T-AC Jan 99* 99-102

Recurrent neural nets

diagonal recurrent neural net-based adaptive SPSA control syst. *Ji, X.D.*, +, *T-AC Jul 99* 1469-1473

Lure systs. with neural nets, absol. stabil. *Soykens, J.A.K.*, +, *T-AC Apr 99* 770-774

nonlin. discrete time syst. induced norm/nonlin. *Yun-Chung Chu*, +, *T-AC Mar 99* 471-483

repeated scalar nonlin. syst. stabilization/synthesis. *Yun-Chung Chu*, +, *T-AC Mar 99* 484-496

Recursive estimation

ARMAX model in closed loop, recursive ident. *Landau, I.D.*, +, *T-AC Apr 99* 840-843

continuous-time nonlin. stochastic dyn. syst., max. likelihood state estim., Mortensen eqn. *Aihara, S.*, +, *T-AC Oct 99* 1955-1961

discrete-time lin. systs. Kalman filtering. *Nikoukhan, R.*, +, *T-AC Oct 99* 1829-1839

perturb. stochastic approx., convergence rate. *Gerencser, L.*, *T-AC May 99* 894-905

robust estim. with unknown noise stats. *Durovic, Z.M.*, +, *T-AC Jun 99* 1292-1296

Recursive filters

finite-dimens. filters for lin. model param. estim. *Elliott, R.J.*, +, *T-AC May 99* 938-951

sig. stochastic discrete-time syst. filtering/prediction. *Huanshui Zhang*, +, *T-AC Nov 99* 2154-2158

Recursive functions

stochastic discrete-event systs., probabilistic lang. formalism. *Garg, V.K.*, +, *T-AC Feb 99* 280-293

Reduced order systems

distributed-param. syst. model/control, approx. prediction. *Leland, R.P.*, *T-AC Mar 99* 623-627

freq.-weighted bal. truncation method of reduction. *Wang, G.*, +, *T-AC Sep 99* 1734-1737

H^∞ optimal model reduction, approx. approach. *Wei-Yong Yan*, +, *T-AC Jul 99* 1341-1358

interval Routh approximants computation. *Chyi Hwang*, +, *T-AC Sep 99* 1782-1787

model reduction, freq.-weighted, via quasi-Kalman decomp. *Diab, M.*, +, *T-AC Jan 99* 139-144

multi-DOF cooperating manipulators impact model/control. *Indri, M.*, +, *T-AC Jun 99* 1297-1303

nonlin. discrete time syst. induced norm/nonlin. *Yun-Chung Chu*, +, *T-AC Mar 99* 471-483

obs., reduced-order without internal delays, design. *Darouach, M.*, +, *T-AC Sep 99* 1711-1713

regional pole/covariance equiv. realizations. *Zidong Wang*, +, *T-AC Oct 99* 1889-1893

sampled data syst. cheap control, sig. perturb. *Popescu, D.C.*, +, *T-AC Nov 99* 2209-2214

stochastic continuous systs., reduced-order models/control. *Leland, R.*, *T-AC Sep 99* 1714-1719

Redundancy

DES decentralized supervisory control. *Takai, S.*, *T-AC Jul 99* 1441-1444

robust fault detect., parity rel.-based residual generation. *Ding, X.*, +, *T-AC Feb 99* 337-343

Regulators; cf. Controllers**Relaxation theory**

Lyapunov eqns., large, sparse, parallel soln. by decomp. *Zecevic, A.I.*, +, *T-AC Mar 99* 612-618

optim., ordinal, using goal softening. *Loo Hay Lee*, +, *T-AC Jan 99* 94-99

Reliability; cf. Fault tolerance**Reliability theory**

mfg., failure-prone systs., perturb. adaptive control. *Qian-Yu Tang*, +, *T-AC Sep 99* 1719-1725

mfg., unreliable syst., random demands; optimal control. *Dong-Ping Song*, +, *T-AC Mar 99* 619-622

Reviews; cf. Book reviews**Riccati equations**

continuous-time uncertain systs., Markovian jumping params., Kalman filtering. *Peng Shi*, +, *T-AC Aug 99* 1592-1597

controllability/observability, weak, robust, uncertainty. *Savkin, A.V.*, +, *T-AC May 99* 1037-1041

discrete-time alg. Riccati eqn., efficient algm. *Lu, L.-Z.*, +, *T-AC Jun 99* 1216-1220

discrete-time descriptor systs., Lyapunov/Riccati eqns. *Liqian Zhang*, +, *T-AC Nov 99* 2134-2139

lin. delay syst. asymptotic stabil. *Kolmanovskii, V.B.*, +, *T-AC May 99* 9984-989

lin. delay syst. robust stabil., comment. *Ooba, T.*, +, *T-AC Aug 99* 1582-1583

lin. discrete-time uncertain syst. robust H_∞ control. *Peng Shi*, +, *T-AC Jan 99* 108-111

MIMO syst. stabilization via output/state feedback. *Yong-Yan Cao*, +, *T-AC Jun 99* 1277-1282

min. cost variance control problems, coupled matrix Riccati eqns. *Freiling, G.*, +, *T-AC Mar 99* 556-560

nonlin. state obs. by H_∞ -filtering Riccati design. *Reif, K.*, +, *T-AC Jan 99* 203-208

periodic discrete time syst. sing./nonsingular filtering. *Bittanti, S.*, +, *T-AC Jan 99* 222-227

H^∞ control with transients, variational approach. *Lu, W.W.*, +, *T-AC Oct 99* 1875-1879

stable suboptimal H^∞ controller synthesis. *Zeren, M.*, +, *T-AC Feb 99* 431-435

time-varying discrete Riccati eqn., stabilisability. *Ionescu, V.*, *T-AC Nov 99* 2158-2163

Road vehicles

Shiryayev seq. probab. ratio test, fault detect. *Malladi, D.P.*, +, *T-AC Aug 99* 1522-1534

Road vehicles; cf. Automobiles**Robot dynamics**

underactuated robots, adaptive variable struct. set-point control. *Chun-Yi Su*, +, *T-AC Nov 99* 2090-2093

Robot dynamics; cf. Manipulator dynamics**Robot kinematics; cf. Manipulator kinematics****Robots; cf. Manipulators; Multi-robot systems****Robust control**

adaptive internal model control, stable plant H_∞ optim. *Datta, A.*, +, *T-AC Nov 99* 2130-2134

adaptive robust stabilization of 1st.-order hybrid systs. *De La Sen, M.*, *T-AC Mar 99* 597-602

approx. pulse transfer fns. *Blachura, M.J.*, *T-AC Nov 99* 2062-2067

automotive act. suspen. syst. robust H^∞ feedback control. *Hayakawa, K.*, +, *T-AC Feb 99* 392-396

book review; Robust and Optimal Control (Zhou, K., et al.; 1995). *Ozcelik, S.*, *T-AC Mar 99* 664-665

bounded uncertain systs., robustness. *Tits, A.L.*, +, *T-AC Jan 99* 50-65

continuous lin. time-varying systs., controllability/observability robustness. *Dohyoung Chung*, +, *T-AC Oct 99* 1919-1923

continuous-time nonlin. syst., worst case anal. *Fialho, I.J.*, +, *T-AC Jun 99* 1180-1196

continuous-time systs., robust H_2 anal., convex methods. *Paganini, F.*, *T-AC Feb 99* 239-252

controllability/observability, weak, robust, uncertainty. *Savkin, A.V.*, +, *T-AC May 99* 1037-1041

dead-time compensators, robust tuning. *Normey-Rico, J.E.*, +, *T-AC Aug 99* 1597-1603

delay syst. optimal robust control, Bezout factors. *Bonnet, C.*, +, *T-AC Aug 99* 1512-1521

diamond polynomial family, robust stabil., extreme point results, discrete time counterparts. *Hwan Il Kang*, *T-AC Aug 99* 1613-1615

discrete-event syst. supervisory robust control. *Cury, J.E.R.*, +, *T-AC Feb 99* 376-379

discrete-time syst. robust MRAC param. update. *Tao, G.*, *T-AC Jan 99* 186-190

disturbance rejection robust control, aircraft appl. *Davison, D.E.*, +, *T-AC Aug 99* 1556-1559

duality in multiplier-based robustness anal. *Jonsson, U.*, *T-AC Dec 99* 2246-2256

dyn. decentralized robust output feedback control. *Geromel, J.C.*, +, *T-AC Jul 99* 1449-1454

finite bandwidth feedback systs., disturbance rejection limitations. *Davison, D.E.*, +, *T-AC Jun 99* 1132-1144

generalized l_2 synthesis, control design framework. *D Andrea, R.*, *T-AC Jun 99* 1145-1156

globally stabilizing adaptive controller, generically destabilizing param. estim. *Townley, S.*, *T-AC Nov 99* 2238-2241

high-perform. state feedback, robust, and output feedback stabilizing control, systematic design algm. *Chia-Chi Tsui*, *T-AC Mar 99* 560-563

H_2 perform. anal., freq. domain conditions. *Paganini, F.*, *T-AC Jan 99* 38-49

H_∞ loopshaping, param., and weighted mixed sensitivity. *Guoxiang Gu*, +, *T-AC Apr 99* 846-852

H_∞ robust control design, feedforward compensators. *Giusto, A.*, +, *T-AC Aug 99* 1578-1582

indirect adaptive control scheme, dead zone tech. *Gang Feng*, *T-AC Sep 99* 1764-1768

integral action/limited rate control approach. *Cavallo, A.*, +, *T-AC Aug 99* 1569-1572

lin. discrete-time SISO systs., l_1 uncertainties, robust stabil. and design. *Polyak, B.T.*, +, *T-AC Nov 99* 2076-2080

lin. discrete-time uncertain syst. robust H_∞ control. *Peng Shi*, +, *T-AC Jan 99* 108-111

lin. ω -periodic discrete-time systs., robust disturbance-rejection problems. *Shiomi, K.*, +, *T-AC Aug 99* 1615-1620

- lin. systs., delayed perturb., robust stabil. *Hwan Il Kang*, *T-AC Aug 99* 1612
 lin. time-varying delta-operator formulated discrete-time systs., robust stabil. *Molchanov, A.P.*, +, *T-AC Feb 99* 325-327
 lin. time-varying syst. H_∞ synthesis/anal. *Dullerud, G.E.*, +, *T-AC Aug 99* 1486-1497
 LTI MIMO syst. stabilizing control with integral action. *Gundes, A.N.*, +, *T-AC Jan 99* 116-119
 Markovian jump discrete-time syst. control with delay. *Peng Shi*, +, *T-AC Nov 99* 2139-2144
 matrices, compact convex set spectrum, for robustness anal. *Monov, V.V.*, *T-AC May 99* 1009-1012
 matrix second-order uncertain syst. robust control. *Diwekar, A.M.*, +, *T-AC Feb 99* 401-405
 MIMO syst. stabilization via output/state feedback. *Yong-Yan Cao*, +, *T-AC Jun 99* 1277-1282
 mixed sensitivity robust perform., param. space method. *Besson, V.*, +, *T-AC Jun 99* 1272-1276
 multirate sampled-data syst. H_∞ suboptimal control. *Li Qin*, +, *T-AC Mar 99* 537-550
 multivariable stochastic systs., output PDF, robust control, guaranteed stabil. *Hong Wang*, *T-AC Nov 99* 2103-2107
 nonlin. control, uncertain, robust adaptive backstepping. *Zhong-Ping Jiang*, +, *T-AC Sep 99* 1705-1711
 nonlin. convergent chattering-free sliding mode control systs. *Kachroo, P.*, *T-AC Aug 99* 1620-1624
 nonlin. dyn. syst. robust neurocontrol. *Rovithakis, G.A.*, *T-AC Jan 99* 102-108
 nonlin. state obs. by H_∞ -filtering Riccati design. *Reif, K.*, +, *T-AC Jan 99* 203-208
 nonlin. systs., robust stabilization w.r.t. pointwise norm-bounded uncertainties. *Battilotti, S.*, *T-AC Jan 99* 3-17
 nonlin. uncertain systs., local stabil./robustness. *Ito, H.*, *T-AC Jun 99* 1250-1254
 output feedback robust stabilization of uncertain lin. systs. with saturating controls. *Henrion, D.*, +, *T-AC Nov 99* 2230-2237
 parametric rational fns., boundary computation. *Sy-Kang Shen*, +, *T-AC Jan 99* 227-231
 perturbed discrete time-delay large scale systs., stabilization and state estim. *Mahmoud, M.S.*, +, *T-AC Aug 99* 1632
 perturbed lin. syst. optimal control, correction. *Smith, R.*, +, *T-AC Oct 99* 1900-1901
 rational approx. model ident., H^∞ , orthonormal basis. *Szabo, Z.*, +, *T-AC Jan 99* 153-158
 robot manipulators, tracking problem, robust adaptive control. *Tomei, P.*, *T-AC Mar 99* 654-658
 robust pole placement in LMI regions. *Chilali, M.*, +, *T-AC Dec 99* 2257-2270
 sing. perturbed discrete time systs., exact stabil. bound. *Tzou-Hseng S. Li*, +, *T-AC Oct 99* 1934-1938
 sing. perturbed systs., uncertain, H_∞ control. *Peng Shi*, +, *T-AC Sep 99* 1738-1742
 smooth nonlin. syst. feedback stabilization. *Outbib, R.*, +, *T-AC Jan 99* 200-202
 state space uncertain systs., parametric stabil. margin improvement under pole assignment. *Tingshu Hu*, +, *T-AC Oct 99* 1938-1942
 time-varying uncertain syst. robust state feedback. *Blanchini, F.*, +, *T-AC Apr 99* 802-807
 triangular nonlin. systs., sliding observer-control design. *Ahmed-Ali, T.*, +, *T-AC Jun 99* 1244-1249
 uncertain continuous-time lin. systs., state feedback control synthesis, universal Lyapunov fns. *Blanchini, F.*, +, *T-AC Mar 99* 641-647
 uncertain delay syst. memoryless lin. tracking control. *Oucheriah, S.*, *T-AC Jul 99* 1473-1477
 uncertain lin. sing. systs., output feedback control, robustness anal. *Lin, J.L.*, +, *T-AC Oct 99* 1924-1929
 uncertain LTI syst. ident., coprime factor modeling. *Guoxiang Gu*, *T-AC Aug 99* 1498-1511
 uncertain nonlin. syst. robust control via meas. feedback. *Zhong-Ping Jiang*, +, *T-AC Apr 99* 807-812
 uncertain perturbed systs., C-controllability/observability. *Chong Lin*, +, *T-AC Sep 99* 1768-1773
 uncertain syst. robust control/stabil. multipliers. *Yung-Shan Chou*, +, *T-AC May 99* 906-913
 uncertain systs., robust stabil. margin, guaranteed lower bound computation. *Balakrishnan, V.*, +, *T-AC Nov 99* 2185-2190
- Rotors**
 induction motor global adaptive output feedback control. *Marino, R.*, +, *T-AC May 99* 967-983
- Roundoff errors**
 finite-precision PID control, stabil. bound optim. *Chen, S.*, +, *T-AC Nov 99* 2149-2153
- Routh methods**
 interval Routh approximants computation. *Chyi Hwang*, +, *T-AC Sep 99* 1782-1787
 simple proof of Routh test. *Ferrante, A.*, +, *T-AC Jun 99* 1306-1309
- S**
- Sampled data systems**
 approx. pulse transfer fns. *Blachura, M.J.*, *T-AC Nov 99* 2062-2067
 cheap control, sing. perturb. anal. *Popescu, D.C.*, +, *T-AC Nov 99* 2209-2214
 decouplable MIMO syst. limiting zeros. *Weller, S.R.*, *T-AC Jan 99* 129-134
 discrete-time model of sampled-data systs. *Blachuta, M.J.*, *T-AC Jan 99* 134-139
 finite-precision PID control, stabil. bound optim. *Chen, S.*, +, *T-AC Nov 99* 2149-2153
 first-order optimal reduced-delay sample-data holds. *Leonard, F.*, *T-AC Jul 99* 1446-1449
 high-gain stabilizable systs., adaptive sampling control. *Ilchmann, A.*, +, *T-AC Oct 99* 1961-1966
 Markov control procs., sample-path av. optimality. *Lasserre, J.B.*, *T-AC Oct 99* 1966-1971
 multirate digital control systs., qualit. props. *Bo Hu*, +, *T-AC Apr 99* 765-770
 multirate sampled-data syst. H_∞ suboptimal control. *Li Qin*, +, *T-AC Mar 99* 537-550
 param. representation of lifted systs. *Mirkin, L.*, +, *T-AC Apr 99* 833-840
 pulse transfer fn., word length for small sampling periods. *Gessing, R.*, *T-AC Sep 99* 1760-1764
 sampled data control, periodically time-varying controllers, perform. anal. *Cishen Zhang*, +, *T-AC Aug 99* 1607-1611
 syst. sampling without loss of observability/controllability. *Kreisselmeier, G.*, *T-AC May 99* 1021-1025
- Sampling methods**
 lin. stochastic systs., sampling and param. estim. *Duncan, T.E.*, +, *T-AC Nov 99* 2120-2125
 seq. sampling problem, optimal index policy. *Castanon, D.*, +, *T-AC Jan 99* 145-148
- Search problems**
 delay estim. using low-complexity exhaustive search. *Carlemalm, C.*, +, *T-AC May 99* 1031-1037
 seq. sampling problem, optimal index policy. *Castanon, D.*, +, *T-AC Jan 99* 145-148
- Self-adjusting systems; cf. Model reference adaptive control systems**
- Semiconductor device manufacture**
 curve evol. models, real-time ident. plasma etching appl. *Berg, J.*, +, *T-AC Jan 99* 99-102
- Sensitivity**
 finite bandwidth feedback systs., disturbance rejection limitations. *Davison, D.E.*, +, *T-AC Jun 99* 1132-1144
 H_∞ loopshaping, param., and weighted mixed sensitivity. *Guoxiang Gu*, +, *T-AC Apr 99* 846-852
 robust perform., mixed sensitivity, param. space method. *Besson, V.*, +, *T-AC Jun 99* 1272-1276
- Sensitivity analysis**
 book review; Theory of Sensitivity in Dynamic Systems, An Introduction (Eslami, M.; 1994). *Rosenvasser, E.N.*, +, *T-AC May 99* 1101-1103
 Markov proc. single sample path-based sensitivity anal. *Zikuan Liu*, +, *T-AC Apr 99* 872-875
 weighted mixed-sensitivity H_∞ -control design, comment. *Hao Lu*, +, *T-AC Jun 99* 1309-1310
- Sensors**
 drifting sens. gain nonlin. filtering/observers. *Vincent, T.L.*, +, *T-AC Mar 99* 509-520
- Sequences**
 input-output form bilinear systs., stabil. props. and periodic evol. *Fornasini, E.*, +, *T-AC Jun 99* 1197-1202
 rational transfer fn. ident. from truncated autocovariance. *Desbouvries, F.*, +, *T-AC May 99* 1078-1081
- Series (mathematics); cf. Fourier series; Volterra series**
- Servomechanisms**
 LQ preview synthesis, worst case anal. *Kojima, A.*, +, *T-AC Feb 99* 352-357
- Set theory**
 bounded error param. estim., seq. analytic center approach. *Bai, E.-W.*, +, *T-AC Jun 99* 1107-1117
 lin. time-varying systs., set-valued observers, optimal disturbance rejection. *Shamma, J.S.*, +, *T-AC Feb 99* 253-264
 uncertain polynomials/transfer fns., value set constr., adaptive ang. sweep algm. *Wilson, B.H.*, +, *T-AC Mar 99* 551-555
- Set theory; cf. Group theory**
- Signal detection**
 abrupt change detect. in sigs./control syst. *Tze Leung Lai*, +, *T-AC May 99* 952-966
- Simulated annealing**
 finite-precision PID control, stabil. bound optim. *Chen, S.*, +, *T-AC Nov 99* 2149-2153
- Singularly perturbed systems**
 asymptotic H_∞ control under parametric uncertainties. *Peng Shi*, +, *T-AC Sep 99* 1738-1742
 discrete time systs., exact stabil. bound. *Tzou-Hseng S. Li*, +, *T-AC Oct 99* 1934-1938
 nearly optimal controls of hybrid LQG problems. *Zhang, Q.*, +, *T-AC Dec 99* 2271-2282
 robust control with integral action/limited rate control. *Cavallo, A.*, +, *T-AC Aug 99* 1569-1572
 sampled data syst. cheap control, sing. perturb. *Popescu, D.C.*, +, *T-AC Nov 99* 2209-2214
- Singular value decomposition**
 perturbed lin. syst. optimal control, correction. *Smith, R.*, +, *T-AC Oct 99* 1900-1901
 uncertain perturbed systs., C-controllability/observability. *Chong Lin*, +, *T-AC Sep 99* 1768-1773
 uncertain syst. robust control/stabil. multipliers. *Yung-Shan Chou*, +, *T-AC May 99* 906-913
- Sliding mode control; cf. Variable structure systems**
- Smoothing methods**
 sing. stochastic discrete-time syst. filtering/prediction. *Huanshui Zhang*, +, *T-AC Nov 99* 2154-2158
 unknown discrete-time nonlin. fading memory syst., nonparametric output prediction. *Kulkarni, S.R.*, +, *T-AC Jan 99* 29-37
- Software engineering; cf. Formal verification**
- Space vehicles**
 inverse optimal stabilization, feedback constr. *Krstic, M.*, +, *T-AC May 99* 1042-1049
- Spatial variables control; cf. Attitude control; Motion control; Position control**
- Special issues and sections**
 neural networks in control, identification, and decision making (special section). *T-AC Nov 99* 1993-2057
 neural networks in control, identification, and decision making, special section intro. *Lemmon, M.D.*, +, *T-AC Nov 99* 1993-1994
- Spectral analysis**
 sing. stochastic discrete-time syst. filtering/prediction. *Huanshui Zhang*, +, *T-AC Nov 99* 2154-2158

Splines (mathematics)

multivariable stochastic systs., output PDF, robust control, guaranteed stabil. *Hong Wang, T-AC Nov 99 2103-2107*

Sputter etching

curve evol. models, real-time ident. plasma etching appl. *Berg, J., +, T-AC Jan 99 99-102*

Stability

2-DOF set-point discrete time supervisory controller. *Borrelli, D., +, T-AC Jan 99 178-181*
 analytic phase margin design of compensation. *Dorato, P., +, T-AC Oct 99 1894-1900*
 commun. bandwidth constrained systs., stabilization with limited inform. feedback. *Wing Shing Wong, +, T-AC May 99 1049-1053*
 continuous-time syst. digital redesign, Laplace transform. *Rosenwasser, Ye.N., +, T-AC Apr 99 883-886*
 continuous-time uncertain systs., Markovian jumping params., Kalman filtering. *Peng Shi, +, T-AC Aug 99 1592-1597*
 dead-beat controllers and stabilizability. *Nesic, D., +, T-AC Nov 99 2068-2071*
 decentralized control of seq. min.-phase systs. *Johansson, K.H., +, T-AC Oct 99 1909-1913*
 discrete alg. Lyapunov eqn. matrix bounds. *Tippett, M.K., +, T-AC Jan 99 214-218*
 discrete-time adaptive nonlin. control, fund. limitations. *Liang-Liang Xie, +, T-AC Sep 99 1777-1782*
 discrete-time descriptor systs., Lyapunov/Riccati eqns. *Liqian Zhang, +, T-AC Nov 99 2134-2139*
 discrete time model ref. systs., ident. and adaptive control, stabil. theorem. *Silveira, H.M., T-AC Oct 99 1947-1950*
 disturbance decoupling with stabil. by PID control laws. *Estrada, M.B., +, T-AC Jun 99 1311-1315*
 dyn. state feedback control struct. *Bazanella, A.S., +, T-AC Mar 99 588-592*
 feedback lin. syst. stabilization by neural net. *Kwanghee Nam, T-AC May 99 1026-1031*
 finite-precision PID control, stabil. bound optim. *Chen, S., +, T-AC Nov 99 2149-2153*
 gain scheduling, observer state feedback controllers interpolation. *Stilwell, D.J., +, T-AC Jun 99 1225-1229*
 high-gain stabilizable systs., adaptive sampling control. *Ilchmann, A., +, T-AC Oct 99 1961-1966*
 H_2 guaranteed cost sliding mode control design. *Takahashi, R.H.C., +, T-AC Nov 99 2214-2218*
 H^2 optimal model reduction, approx. approach. *Wei-Yong Yan, +, T-AC Jul 99 1341-1358*
 indirect adaptive control under bounded disturbances. *Bartolini, G., +, T-AC Apr 99 789-793*
 input saturation, disturbance atten., lin. matrices. *Nguyen, T., +, T-AC Apr 99 852-857*
 interconnected syst. decentralized MRAC design. *Changyun Wen, +, T-AC Jul 99 1464-1469*
 interconnected systs., internal stabil. *Qing-Guo Wang, +, T-AC Mar 99 593-596*
 iter. learning controller with init. state learning. *Chen, Y., +, T-AC Feb 99 371-376*
 lin. delay syst. robust stabil., comment. *Ooba, T., +, T-AC Aug 99 1582-1583*
 lin. discrete-time systs., state and control constraints, design techs. *Bitsoris, G., +, T-AC May 99 1057-1061*
 lin. param.-varying systs., time-varying real uncertain params., control problem. *Emre Kose, I., +, T-AC Mar 99 658-663*
 lin. reachability vs. global stabilization. *Hu, X., +, T-AC Jun 99 1303-1305*
 lin. state-space systs. ident., bal. canonical forms. *Bauer, D., +, T-AC Jun 99 1118-1131*
 lin. time-varying systs. H^∞ control, controller parameterization. *Chee-Fai Yung, +, T-AC Nov 99 2058-2062*
 LQ control with eigenvalue placement in vert. strip. *Koshkouei, A.J., +, T-AC Jul 99 1417-1419*
 LTI syst. fixed-order control. *Iwasaki, T., T-AC Apr 99 783-788*
 MIMO syst. partial model matching via static feedback. *Koumboulis, F.N., +, T-AC Feb 99 386-392*
 model reduction, freq.-weighted bal. truncation. *Wang, G., +, T-AC Sep 99 1734-1737*
 model reduction, freq.-weighted, via quasi-Kalman decomp. *Diab, M., +, T-AC Jan 99 139-144*
 nonaffine nonlin. syst. min. phase props. *Nesic, D., +, T-AC Apr 99 868-872*
 nonlin. bounded control for norm-bounded uncertain systs. *Garcia, G., +, T-AC Jun 99 1254-1258*
 nonlin. discrete time syst. induced norm/nonlin. *Yun-Chung Chu, +, T-AC Mar 99 471-483*
 nonlin. discrete-time syst. Kalman observer. *Boutayeb, M., +, T-AC Aug 99 1550-1556*
 nonlin. parameterized systs., adaptive estim./control. *Ai-Poh Loh, +, T-AC Sep 99 1634-1652*
 nonlin. stochastic discrete-time adaptive predictive control. *Chen Wei, +, T-AC Sep 99 1725-1729*
 nonlin. stochastic discrete-time syst. anal. via LMI. *Yaz, Y.I., +, T-AC Apr 99 813-816*
 nonlin. syst. disturbance atten./perform. bounds. *Isidori, A., +, T-AC Aug 99 1535-1545*
 nonlin. systs., disturbance decoupling by meas. feedback. *Xia, X., +, T-AC Jul 99 1425-1429*
 nonlin. systs., feedback limits; cheap control. *Serua, M.M., +, T-AC Apr 99 829-833*
 nonlin. systs., nonhyperbolic internal dyn., stabil. *Devasia, S., T-AC Jul 99 1419-1425*
 output feedback control problems, sufficient LMI conditions. *Crusius, C.A.R., +, T-AC May 99 1053-1057*
 pseudo-lin. regression ident. algms. stationary points. *Regalia, P.A., +, T-AC May 99 994-998*
 repeated scalar nonlin. syst. stabilization/synthesis. *Yun-Chung Chu, +, T-AC Mar 99 484-496*
 repetitive vibr. cancellation, Chaplin-Smith's patent. *Bodson, M., T-AC Nov 99 2221-2225*

robot arm decentralized nonlin. adaptive tracking. *Ming Liu, T-AC Feb 99 357-363*
 scalar delay differential inequalities, quantitat. anal. *Chunhai Hou, +, T-AC Feb 99 334-336*
 semiglobal stabilization of continuous-time systs. with bounded inputs. *Lozano, R., +, T-AC Dec 99 2318-2320*
 sinusoidal sig., globally convergent freq. estimator. *Liu Hsu, +, T-AC Apr 99 698-713*
 sliding mode discrete-time syst. stabil., comments. *Westphal, L.C., T-AC Jul 99 1444-1445*
 strictly pos. real fn. preservation, stabilization. *Fernandez-Anaya, G., T-AC Nov 99 2171-2174*
 strong stabilization over polytopes. *Jetto, L., T-AC Jun 99 1211-1216*
 suboptimal model predictive control, stabilizing scheme. *Scokaert, P.O.M., +, T-AC Mar 99 648-654*
 suboptimal H^∞ controller synthesis. *Zeren, M., +, T-AC Feb 99 431-435*
 time-varying discrete Riccati eqn., stabilisability. *Ionescu, V., T-AC Nov 99 2158-2165*
 time-varying nonlin. systs., unified stabil. anal. *Chun-Bo Feng, +, T-AC May 99 998-1002*
 Volterra systs., feedback, small gain theorem/anal. *Qingsheng Zheng, +, T-AC Mar 99 635-640*
 weighted mixed-sensitivity H_∞ -control design, comment. *Hao Lu, +, T-AC Jun 99 1309-1310*

Stability; cf. Absolute stability; Asymptotic stability; Bode diagrams; Input-output stability; Lyapunov methods; Numerical stability; Robust control; Routh methods

Stability criteria

asymptotic stabil., matrix norm conditions for disturbance. *White, A.L., T-AC Jan 99 169-172*
 H_∞ loopshaping, param. and weighted mixed sensitivity. *Guoxiang Gu, +, T-AC Apr 99 846-852*
 I-O methods/stabilizability of unbounded control/obs. systs. *Morris, K.A., T-AC Jan 99 81-85*
 Kharitonov theorem with degree drop. *Willems, J.C., +, T-AC Nov 99 2218-2220*
 matrix second-order systs., stabil. issues. *Diwekar, A.M., +, T-AC Sep 99 1773-1777*
 nonlin. almost periodic systs., state-space approach. *Seung Jean Kim, +, T-AC Jan 99 66-70*
 nonlin. discrete-time deadbeat control, global stabil. *Bastin, G., +, T-AC Jun 99 1262-1266*
 nonlin. systs., constrained, predictive command governors. *Angeli, D., +, T-AC Apr 99 816-820*
 Routh test, simple proof. *Ferrante, A., +, T-AC Jun 99 1306-1309*
 sing. perturbed discrete time systs., exact stabil. bound. *Tzuo-Hseng S. Li, +, T-AC Oct 99 1934-1938*
 spacecraft, inverse optimal stabilization, feedback constr. *Krstic, M., +, T-AC May 99 1042-1049*
 time invariant uncertain delay syst. stabil. criterion. *PooGyeon Park, T-AC Apr 99 876-877*
 uncertain systs., robust stabil. margin, guaranteed lower bound computation. *Balakrishnan, V., +, T-AC Nov 99 2185-2190*
 underactuated mech. systs., dyn., control, stabil. *Reyhanoglu, M., +, T-AC Sep 99 1663-1671*
 variable conditions plant stabil., interpolated control. *Muramatsu, E., +, T-AC Jan 99 76-81*

Stability criteria; cf. Popov criterion

State estimation

automotive engine fault detect. by model based probabilistic approach. *Dinca, L., +, T-AC Nov 99 2200-2205*
 changepoint problem, perform. anal. *Hibey, J.L., +, T-AC Aug 99 1628-1632*
 clustering adaptive nonlin. filters efficient algm. *Lainiotis, D.G., +, T-AC Jul 99 1454-1459*
 continuous-time nonlin. stochastic dyn. syst., max. likelihood state estim., Mortensen eqn. *Aihara, S., +, T-AC Oct 99 1955-1961*
 continuous-time uncertain systs., Markovian jumping params., Kalman filtering. *Peng Shi, +, T-AC Aug 99 1592-1597*
 discrete-time EKF, stochastic stabil. *Reif, K., +, T-AC Apr 99 714-728*
 discrete-time invariant systs., receding horizon Kalman FIR filter. *Wook Hyun Kwon, +, T-AC Sep 99 1787-1791*
 discrete-time lin. systs. Kalman filtering. *Nikoukhan, R., +, T-AC Oct 99 1829-1839*
 discrete time nonlin. syst. ident., Kalman filter. *Giulio, L., +, T-AC Aug 99 1546-1549*
 filter, stochastic, 2nd.-order, involving coord. transform. *Kwanghee Nam, +, T-AC Mar 99 603-608*
 H_∞ filtering for continuous-time delayed lin. systs. *Pila, A.W., +, T-AC Jul 99 1412-1417*
 H_∞ filters/predictors, convergence conditions. *Bolzern, P., +, T-AC Aug 99 1564-1568*
 Kalman filter, central limit theorem, convergence rate. *Aliev, F.A., +, T-AC Oct 99 1905-1909*
 neural networks in control, identification, and decision making (special section). *T-AC Nov 99 1993-2057*
 neural networks in control, identification, and decision making, special section intro. *Lemmon, M.D., +, T-AC Nov 99 1993-1994*
 neural state estimator with bounded errors for nonlin. systs. *Alessandri, A., +, T-AC Nov 99 2028-2042*
 perturbed discrete time-delay large scale systs., stabilization and state estim. *Mahmoud, M.S., +, T-AC Aug 99 1632*
 perturbed lin. continuous-time systs., robust H_2/H_∞ -state estim. *Zidong Wang, +, T-AC May 99 1061-1065*
 robust estim. with unknown noise stats. *Durovic, Z.M., +, T-AC Jun 99 1292-1296*
 two-stage Kalman state estimator, optimal soln. *Chien-Shu Hsieh, +, T-AC Jan 99 194-199*

State estimation; cf. Observers

State feedback

bilinear syst. static state feedback sing. *Chabour, R., +, T-AC Aug 99 1559-1564*

- decouplable MIMO syst. limiting zeros. *Weller, S.R.*, *T-AC Jan 99* 129-134
 discrete-time descriptor systs., Lyapunov/Riccati eqns. *Liqian Zhang*, +, *T-AC Nov 99* 2134-2139
 dyn. state feedback control struct. *Bazanella, A.S.*, +, *T-AC Mar 99* 588-592
 gain scheduling, observer state feedback controllers interpolation. *Stiwell, D.J.*, +, *T-AC Jun 99* 1225-1229
 high-perform. state feedback, robust, and output feedback stabilizing control, systematic design algm. *Chia-Chi Tsui*, *T-AC Mar 99* 560-563
 lin. discrete-time uncertain syst. robust H_∞ control. *Peng Shi*, +, *T-AC Jan 99* 108-111
 lin. ω -periodic discrete-time systs., robust disturbance-rejection problems. *Shiomi, K.*, +, *T-AC Aug 99* 1615-1620
 lin. time-varying sing. control design, I/O decoupling. *Xiaoping Liu*, *T-AC May 99* 1016-1021
 lin. time-varying systs., set-valued observers, optimal disturbance rejection. *Shamma, J.S.*, +, *T-AC Feb 99* 253-264
 LTI syst. fixed-order control. *Iwasaki, T.*, *T-AC Apr 99* 783-788
 Markovian jump discrete-time syst. control with delay. *Peng Shi*, +, *T-AC Nov 99* 2139-2144
 MIMO syst. partial model matching via static feedback. *Koumboulis, F.N.*, +, *T-AC Feb 99* 386-392
 MIMO syst. stabilization via output/state feedback. *Yong-Yan Cao*, +, *T-AC Jun 99* 1277-1282
 nonlin. bounded control for norm-bounded uncertain systs. *Garcia, G.*, +, *T-AC Jun 99* 1254-1258
 nonlin. syst. H_∞ control, asymptotic stabil. *Weizhou Su*, +, *T-AC May 99* 989-993
 nonlin. systs., stabilization, separation principle. *Atassi, A.N.*, +, *T-AC Sep 99* 1672-1687
 null-controllable lin. syst. predictive control. *Casavola, A.*, +, *T-AC Nov 99* 2226-2230
 robot manipulators, tracking problem, robust adaptive control. *Tomei, P.*, *T-AC Mar 99* 654-658
 sliding mode control and chattering reduction, transformed Lure problem. *Ching-Yei Chung, S.*, +, *T-AC Mar 99* 563-568
 H^∞ control with transients, variational approach. *Lu, W.W.*, +, *T-AC Oct 99* 1875-1879
 struct. lin. syst. decoupling, state feedback. *Commault, C.*, +, *T-AC Feb 99* 348-352
 time-varying uncertain syst. robust state feedback. *Blanchini, F.*, +, *T-AC Apr 99* 802-807
 uncertain continuous-time lin. systs., state feedback control synthesis, universal Lyapunov fns. *Blanchini, F.*, +, *T-AC Mar 99* 641-647
 uncertain nonlin. syst. robust control via meas. feedback. *Zhong-Ping Jiang*, +, *T-AC Apr 99* 807-812
- State-space methods**
 abrupt change detect. in sigs./control syst. *Tze Leung Lai*, +, *T-AC May 99* 952-966
 bilinear systs. subj. to white inputs, subspace ident. *Favoreel, W.*, +, *T-AC Jun 99* 1157-1165
 book review; Theory of Sensitivity in Dynamic Systems, An Introduction (Eslami, M.; 1994). *Rosenvasser, E.N.*, +, *T-AC May 99* 1101-1103
 changepoint problem, perform. anal. *Hibey, J.L.*, +, *T-AC Aug 99* 1628-1632
 clustering adaptive nonlin. filters efficient algm. *Lainiotis, D.G.*, +, *T-AC Jul 99* 1454-1459
 continuous-time syst. digital redesign, Laplace transform. *Rosenvasser, Ye.N.*, +, *T-AC Apr 99* 883-886
 continuous-time systs., robust H_2 anal., convex methods. *Paganini, F.*, *T-AC Feb 99* 239-252
 discrete-time lin. syst. state observers. *Valcher, M.E.*, *T-AC Feb 99* 397-401
 estim., Kalman filter, central limit theorem. *Aliev, F.A.*, +, *T-AC Oct 99* 1905-1909
 FIFO fluid networks diverging paths. *Dumas, V.*, *T-AC Jan 99* 191-194
 finite-dimens. filters for lin. model param. estim. *Elliott, R.J.*, +, *T-AC May 99* 938-951
 H_∞ loopshaping, param. and weighted mixed sensitivity. *Guoxiang Gu*, +, *T-AC Apr 99* 846-852
 lin. continuous-time systs., receding horizon Kalman FIR filter. *Wook Hyun Kwon*, +, *T-AC Nov 99* 2115-2120
 lin. state-space systs. ident., bal. canonical forms. *Bauer, D.*, +, *T-AC Jun 99* 1118-1131
 lin. time-varying syst. H_∞ synthesis/anal. *Dullerud, G.E.*, +, *T-AC Aug 99* 1486-1497
 lin. time-varying systs., min. entropy/risk-sensitive control rels. *Peters, M.A.*, +, *T-AC May 99* 1065-1069
 mfg. flow control av. cost minimization. *Veatch, M.H.*, +, *T-AC Apr 99* 779-783
 nonlin. almost periodic systs., state-space approach. *Seung Jean Kim*, +, *T-AC Jan 99* 66-70
 observer synthesis in behavioral approach. *Valcher, M.E.*, +, *T-AC Dec 99* 2207-2307
 output feedback control problems, sufficient LMI conditions. *Crusius, C.A.R.*, +, *T-AC May 99* 1053-1057
 planar body with unilateral thrusters, controllability. *Lynch, K.M.*, *T-AC Jun 99* 1206-1211
 reduced-order filter parametrization/optim. *Lihua Xie*, +, *T-AC Feb 99* 418-422
 robust estim. with unknown noise stats. *Durovic, Z.M.*, +, *T-AC Jun 99* 1292-1296
 robust H_∞ control design, feedforward compensators. *Giusto, A.*, +, *T-AC Aug 99* 1578-1582
 sampled-data syst. discrete-time model. *Blachuta, M.J.*, *T-AC Jan 99* 134-139
 struct. lin. syst. decoupling, state feedback. *Commault, C.*, +, *T-AC Feb 99* 348-352
 uncertain systs., parametric stabil. margin improvement under pole assignment. *Tingshu Hu*, +, *T-AC Oct 99* 1938-1942
- Statistical analysis**
 abrupt change detect. in sigs./control syst. *Tze Leung Lai*, +, *T-AC May 99* 952-966
 pseudo-lin. regression ident. algms. stationary points. *Regalia, P.A.*, +, *T-AC May 99* 994-998
- Statistical analysis; cf.** Covariance analysis; Higher order statistics; Maximum likelihood estimation; Sampling methods
Statistics; cf. Decision theory; Error statistics; Game theory; Monte Carlo methods; Nonparametric statistics; Statistical analysis; Time series
- Step response**
 lin. syst. integral control with actuator nonlin. *Logemann, H.*, +, *T-AC Jun 99* 1315-1319
 LTI MIMO syst. stabilizing control with integral action. *Gundes, A.N.*, +, *T-AC Jan 99* 116-119
- Stiction**
 mech. systs. with friction, Caratheodory solns. *Seung-Jean Kim*, +, *T-AC Nov 99* 2086-2089
- Stochastic processes**
 assembly job flow control, stochastic timed-event graphs. *Ayhan, H.*, +, *T-AC Apr 99* 864-868
 Kiefer-Wolfowitz algm. with randomized differences. *Chen, H.F.*, +, *T-AC Mar 99* 442-453
 NARX model ident. via regularization networks. *De Nicolao, G.*, +, *T-AC Nov 99* 2045-2049
 pseudo-lin. regression ident. algms. stationary points. *Regalia, P.A.*, +, *T-AC May 99* 994-998
- Stochastic processes; cf.** Autoregressive processes; Gaussian processes; Markov processes
- Stochastic programming**
 two-stage prod. syst. coord. QC. *Yao, D.D.*, +, *T-AC Jun 99* 1166-1179
- Stochastic systems**
 abrupt change detect. in sigs./control syst. *Tze Leung Lai*, +, *T-AC May 99* 952-966
 consistency issues for num. methods for variance control appls. to optim. in finance. *Kushner, H.J.*, *T-AC Dec 99* 2283-2296
 continuous-time nonlin. hybrid syst. densities. *Hibey, J.L.*, +, *T-AC Nov 99* 2164-2169
 continuous-time nonlin. stochastic dyn. syst., max. likelihood state estim., Mortensen eqn. *Aihara, S.*, +, *T-AC Oct 99* 1955-1961
 continuous-time syst. digital redesign, Laplace transform. *Rosenvasser, Ye.N.*, +, *T-AC Apr 99* 883-886
 discrete control, Wiener/polynomial systs. separation. *Grimble, M.J.*, *T-AC Nov 99* 2125-2130
 discrete-event systs., probabilistic lang. formalism. *Garg, V.K.*, +, *T-AC Feb 99* 280-293
 discrete-event systs., rational interpolation, convergence. *Nananukul, S.*, +, *T-AC May 99* 1070-1073
 discrete-time EKF, stochastic stabil. *Reif, K.*, +, *T-AC Apr 99* 714-728
 discrete-time lin. systs. Kalman filtering. *Nikoukchah, R.*, +, *T-AC Oct 99* 1829-1839
 filter, stochastic, 2nd-order, involving coord. transform. *Kwanghee Nam*, +, *T-AC Mar 99* 603-608
 HMM chains, risk-sensitive optimal control anal. *Hernandez-Hernandez, D.*, +, *T-AC May 99* 1093-1100
 lin. stochastic systs., sampling and param. estim. *Duncan, T.E.*, +, *T-AC Nov 99* 2120-2125
 LQ stochastic control, integral quadratic constraints. *Lim, A.E.B.*, +, *T-AC Jul 99* 1359-1369
 Markovian jump discrete-time syst. control with delay. *Peng Shi*, +, *T-AC Nov 99* 2139-2144
 multivariable stochastic systs., output PDF, robust control, guaranteed stabil. *Hong Wang*, *T-AC Nov 99* 2103-2107
 nonlin. continuous-time systs., global output-feedback stabilization. *HuaDeng*, +, *T-AC Feb 99* 328-333
 nonlin. stochastic discrete-time adaptive predictive control. *Chen Wei*, +, *T-AC Sep 99* 1725-1729
 nonlin. stochastic discrete-time syst. anal. via LMI. *Yaz, Y.I.*, +, *T-AC Apr 99* 813-816
 perturb. stochastic approx., convergence rate. *Gerencser, L.*, *T-AC May 99* 894-905
 reduced-order models/control, stochastic continuous systs. *Leland, R.*, *T-AC Sep 99* 1714-1719
 sing. stochastic discrete-time syst. filtering/prediction. *Huanshui Zhang*, +, *T-AC Nov 99* 2154-2158
 suboptimal multistage dual control using optimal predictors. *Maitelli, A.L.*, +, *T-AC May 99* 1002-1008
 uncertain lin. stochastic syst. quadratic filtering. *Carravetta, F.*, +, *T-AC Jun 99* 1287-1292
- Stock control**
 mfg. flow control, zero inventory policy. *Veatch, M.H.*, +, *T-AC May 99* 914-921
- Suboptimal control**
 finite-dimens. nonlin. output feedback dyn. games, sector bounded nonlin. *Charalambous, C.D.*, +, *T-AC Sep 99* 1753-1759
 H_∞ loopshaping, param. and weighted mixed sensitivity. *Guoxiang Gu*, +, *T-AC Apr 99* 846-852
 induction motor drives, current-fed, optimal torque control. *Canudas de Wit, C.*, +, *T-AC May 99* 1084-1089
 model predictive control, stabilizing scheme. *Scokaert, P.O.M.*, +, *T-AC Mar 99* 648-654
 multirate sampled-data syst. H_∞ suboptimal control. *Li Qin*, +, *T-AC Mar 99* 537-550
 multistage suboptimal dual control using optimal predictors. *Maitelli, A.L.*, +, *T-AC May 99* 1002-1008
 nearly optimal controls of hybrid LQG problems. *Zhang, Q.*, +, *T-AC Dec 99* 2271-2282
 H^∞ control with transients, variational approach. *Lu, W.W.*, +, *T-AC Oct 99* 1875-1879
 stable suboptimal H^∞ controller synthesis. *Zeren, M.*, +, *T-AC Feb 99* 431-435
- Symbol manipulation**
 sampled-data syst. lifting, param. representation. *Mirkin, L.*, +, *T-AC Apr 99* 833-840
- Synchronization**
 commun. networks, optimal traffic shapers design. *Anantharam, V.*, +, *T-AC Mar 99* 583-586

Synchronous machines

dyn. state feedback control struct. *Bazanella, A.S.*, +, *T-AC Mar 99* 588-592
Systems analysis; cf. Object-oriented methods

T**Target tracking**

target tracking, multirate interact. multiple model filtering. *Lang Hong*, *T-AC Jul 99* 1326-1340

Telecommunication congestion control

optimal traffic shapers design. *Anantharam, V.*, +, *T-AC Mar 99* 583-586

Three-term control

diagonal recurrent neural net-based adaptive SPSA control syst. *Ji, X.D.*, +, *T-AC Jul 99* 1469-1473
 disturbance decoupling with stabil. by PID control laws. *Estrada, M.B.*, +, *T-AC Jun 99* 1311-1315
 finite-precision PID control, stabil. bound optim. *Chen, S.*, +, *T-AC Nov 99* 2149-2153
 fractional-order syst. $PI^{\alpha}D^{\mu}$ -controllers. *Podlubny, I.*, *T-AC Jan 99* 208-214
 manipulator adaptive force/posn. tracking control. *Villani, L.*, +, *T-AC Apr 99* 798-802

Time-domain analysis

fractional-order syst. $PI^{\alpha}D^{\mu}$ -controllers. *Podlubny, I.*, *T-AC Jan 99* 208-214
 mixed time/freq. robust ident. parametric extension. *Panrilo, P.A.*, +, *T-AC Feb 99* 364-369
 model validation, time-/freq.-domain meas. *Demin Xu*, +, *T-AC Jul 99* 1435-1441
 sampled data control, periodically time-varying controllers, perform. anal. *Cishen Zhang*, +, *T-AC Aug 99* 1607-1611
 sing. stochastic discrete-time syst. filtering/prediction. *Huanshui Zhang*, +, *T-AC Nov 99* 2154-2158

Time series

NARX model ident. via regularization networks. *De Nicolao, G.*, +, *T-AC Nov 99* 2045-2049

Time-varying systems

autonomous underwater vehicle time-varying stabilization. *Pettersen, K.Y.*, +, *T-AC Jan 99* 112-115
 chained form nonholonomic systs., tracking control, recursive tech. *Zhong-Ping Jiang*, +, *T-AC Feb 99* 265-279
 continuous lin. time-varying systs., controllability/observability robustness. *Dohyoung Chung*, +, *T-AC Oct 99* 1919-1923
 continuous-time uncertain systs., Markovian jumping params., Kalman filtering. *Peng Shi*, +, *T-AC Aug 99* 1592-1597
 controllability, constrained, time-varying discrete systs. *Benzaid, Z.*, *T-AC Mar 99* 608-612
 discrete Riccati eqn., stabilisability. *Ionescu, V.*, *T-AC Nov 99* 2158-2163
 discrete-time lin. time-varying systs., Gabor transform, exact representation and approx. *Rotstein, H.*, +, *T-AC Apr 99* 729-741
 impulsive control of nonlin. systs., asymptotic stabil. *Tao Yang*, *T-AC May 99* 1081-1083
 induction motor drives, current-fed, optimal torque control. *Canudas de Wit, C.*, +, *T-AC May 99* 1084-1089
 input-to-state stabil., partial-static feedback stabilization, asymptotic tracking. *Tsinias, J.*, +, *T-AC Nov 99* 2179-2184
 iter. learning controller with init. state learning. *Chen, Y.*, +, *T-AC Feb 99* 371-376
 lin. continuous time-varying systs., poles and zeros at infinity. *Bowles, H.*, +, *T-AC Oct 99* 1981-1985
 lin. param.-varying systs., time-varying real uncertain params., control problem. *Emre Kose, I.*, +, *T-AC Mar 99* 658-663
 lin. systs., ident. and adaptive control, achievable perform. bounds. *Ravikanth, R.*, +, *T-AC Apr 99* 670-682
 lin. time-varying delta-operator formulated discrete-time systs., robust stabil. *Molchanov, A.P.*, +, *T-AC Feb 99* 325-327
 lin. time-varying sing. control design, I/O decoupling. *Xiaoping Liu*, *T-AC May 99* 1016-1021
 lin. time-varying sing. systs., controllability. *Chi-Jo Wang*, *T-AC Oct 99* 1901-1905
 lin. time-varying syst. H_{∞} synthesis/anal. *Dullerud, G.E.*, +, *T-AC Aug 99* 1486-1497
 lin. time-varying systs. H^{∞} control, controller parameterization. *Chee-Fai Yung*, +, *T-AC Nov 99* 2058-2062
 lin. time-varying systs., min. entropy/risk-sensitive control rels. *Peters, M.A.*, +, *T-AC May 99* 1065-1069
 lin. time-varying systs., set-valued observers, optimal disturbance rejection. *Shamma, J.S.*, +, *T-AC Feb 99* 253-264
 manipulator adaptive force/posn. tracking control. *Villani, L.*, +, *T-AC Apr 99* 798-802
 nonlin. almost periodic systs., state-space approach. *Seung Jean Kim*, +, *T-AC Jan 99* 66-70
 nonlin. time-varying systs., unified stabil. anal. *Chun-Bo Feng*, +, *T-AC May 99* 998-1002
 observable min. phase SISO nonlin. systs., time-varying params., adaptive output feedback control. *Marino, R.*, +, *T-AC Nov 99* 2190-2194
 observer design for lin. time-varying systs., LSA. *Min-Shin Chen*, +, *T-AC Sep 99* 1742-1745
 periodically time-varying syst. static output feedback. *Min-Shin Chen*, +, *T-AC Jan 99* 218-222
 periodic descriptor systs., solvability/conditionability. *Sreedhar, J.*, +, *T-AC Feb 99* 310-313
 periodic syst. ident., decomp. and approx. *Arambel, P.O.*, +, *T-AC Apr 99* 858-863
 robot manipulators, tracking problem, robust adaptive control. *Tomei, P.*, *T-AC Mar 99* 654-658
 robust H_{∞} control design, feedforward compensators. *Giusto, A.*, +, *T-AC Aug 99* 1578-1582
 sampled data control, periodically time-varying controllers, perform. anal. *Cishen Zhang*, +, *T-AC Aug 99* 1607-1611
 sliding mode control and chattering reduction, transformed Lure problem. *Ching-Yei Chung, S.*, +, *T-AC Mar 99* 563-568

H^{∞} control with transients, variational approach. *Lu, W.W.*, +, *T-AC Oct 99* 1875-1879
 time-varying param. systs., slowly varying, Popov criterion. *Jonsson, U.*, *T-AC Apr 99* 844-846
 uncertain time-varying syst. robust state feedback. *Blanchini, F.*, +, *T-AC Apr 99* 802-807

Time-varying systems; cf. Stochastic systems**Toeplitz matrices**

ident., role of general orthonormal bases. *Ninness, B.*, +, *T-AC Jul 99* 1384-1406
 time-varying discrete Riccati eqn., stabilisability. *Ionescu, V.*, *T-AC Nov 99* 2158-2163

Topology

lin. state-space systs. ident., bal. canonical forms. *Bauer, D.*, +, *T-AC Jun 99* 1118-1131
 nonlin. filters with white noise, rep. result. *Mazumdar, R.R.*, +, *T-AC Jan 99* 124-129

Topology; cf. Differential geometry; Graph theory**Torque control**

induction motor drives, current-fed, optimal torque control. *Canudas de Wit, C.*, +, *T-AC May 99* 1084-1089

Tracking

2-DOF set-point discrete time supervisory controller. *Borrelli, D.*, +, *T-AC Jan 99* 178-181
 delay syst. optimal robust control, Bezout factors. *Bonnet, C.*, +, *T-AC Aug 99* 1512-1521
 discrete-time lin. syst., harmonic disturbances, optimal tracking, universal regulators. *Lindquist, A.*, +, *T-AC Sep 99* 1688-1704
 induction motor drives, current-fed, optimal torque control. *Canudas de Wit, C.*, +, *T-AC May 99* 1084-1089
 iter. learning controller with init. state learning. *Chen, Y.*, +, *T-AC Feb 99* 371-376
 LTI MIMO syst. stabilizing control with integral action. *Gundes, A.N.*, +, *T-AC Jan 99* 116-119
 manipulator adaptive force/posn. tracking control. *Villani, L.*, +, *T-AC Apr 99* 798-802
 manipulators, constrained, force/motion control. *Loria, A.*, +, *T-AC Jul 99* 1407-1412
 nonlin. input affine systs., H_{∞} tracking control. *Ball, J.A.*, +, *T-AC Jun 99* 1202-1206
 nonlin. systs., nonhyperbolic internal dyn., stabil. *Devasia, S.*, *T-AC Jul 99* 1419-1425
 robot arm decentralized nonlin. adaptive tracking. *Ming Liu*, *T-AC Feb 99* 357-363
 robot manipulators, tracking problem, robust adaptive control. *Tomei, P.*, *T-AC Mar 99* 654-658
 robust control with integral action/limited rate control. *Cavallo, A.*, +, *T-AC Aug 99* 1569-1572
 SISO uncertain nonlin. systs., global output feedback controls, almost disturbance decoupling. *Marino, R.*, +, *T-AC Jan 99* 18-28
 time varying systs., input-to-state stabil., partial-static feedback stabilization, asymptotic tracking. *Tsinias, J.*, +, *T-AC Nov 99* 2179-2184
 uncertain delay syst. memoryless lin. tracking control. *Oucheriah, S.*, *T-AC Jul 99* 1473-1477

Tracking; cf. Target tracking**Transfer function matrices**

l_1/H_{∞} optimal control, finite-dimens. discrete-time syst. *Rotstein, H.*, +, *T-AC Jun 99* 1240-1243
 observer synthesis in behavioral approach. *Valcher, M.E.*, +, *T-AC Dec 99* 2207-2307
 strictly pos. real systs., design using const. output feedback. *Huang, C.-H.*, +, *T-AC Mar 99* 569-573
 uncertain lin. models, freq.-depend. error bounds. *Andersson, L.*, +, *T-AC Nov 99* 2094-2098
 weighted mixed-sensitivity H_{∞} -control design, comment. *Hao Lu*, +, *T-AC Jun 99* 1309-1310

Transfer functions

approx. pulse transfer fns. *Blachura, M.J.*, *T-AC Nov 99* 2062-2067
 fractional-order syst. $PI^{\alpha}D^{\mu}$ -controllers. *Podlubny, I.*, *T-AC Jan 99* 208-214
 H_2 guaranteed cost sliding mode control design. *Takahashi, R.H.C.*, +, *T-AC Nov 99* 2214-2218
 interval Routh approximants computation. *Chyi Hwang*, +, *T-AC Sep 99* 1782-1787
 pseudo-lin. regression ident. algms. stationary points. *Regalia, P.A.*, +, *T-AC May 99* 994-998
 pulse transfer fn., word length for small sampling periods. *Gessing, R.*, *T-AC Sep 99* 1760-1764
 pulse transfer fn. zeros. *Blachuta, M.J.*, *T-AC Jun 99* 1229-1234
 rational transfer fn. ident. from truncated autocovariance. *Desbouvries, F.*, +, *T-AC May 99* 1078-1081
 reduced-order filter parametrization/optm. *Lihua Xie*, +, *T-AC Feb 99* 418-422
 robust parametric ident., convergent algm. *Shuning Wang*, +, *T-AC Jun 99* 1282-1286
 sampled-data syst. discrete-time model. *Blachuta, M.J.*, *T-AC Jan 99* 134-139
 strictly pos. real fn. preservation, stabilization. *Fernandez-Anaya, G.*, *T-AC Nov 99* 2171-2174
 uncertain polynomials/transfer fns., value set constr., adaptive ang. sweep algm. *Wilson, B.H.*, +, *T-AC Mar 99* 551-555
 variable conditions plant stabil., interpolated control. *Muramatsu, E.*, +, *T-AC Jan 99* 76-81

Transfer functions; cf. Transfer function matrices**Transforms**

discrete-time lin. time-varying systs., Gabor transform, exact representation and approx. *Rotstein, H.*, +, *T-AC Apr 99* 729-741
 filter, stochastic, 2nd-order, involving coord. transform. *Kwanghee Nam*, +, *T-AC Mar 99* 603-608
 model validation, time-/freq.-domain meas. *Demin Xu*, +, *T-AC Jul 99* 1435-1441
 repeated scalar nonlin. syst. stabilization/synthesis. *Yun-Chung Chu*, +, *T-AC Mar 99* 484-496

- uncertain syst. necessary/sufficient min. condition. *Beck, C.L.*, +, *T-AC Oct 99* 1802-1813
- Transforms; cf.** Fourier transforms; Laplace transforms; Wavelet transforms; Z transforms
- Transient response**
fractional-order syst. PI^2D^μ -controllers. *Podlubny, I.*, *T-AC Jan 99* 208-214
indirect adaptive control under bounded disturbances. *Bartolini, G.*, +, *T-AC Apr 99* 789-793
output nonlin., RLS algm. compensation. *Wigren, T.*, +, *T-AC Oct 99* 1913-1918
- Transients**
 H^∞ control with transients, variational approach. *Lu, W.W.*, +, *T-AC Oct 99* 1875-1879
- Transport control; cf.** Aerospace control
- Transport processes; cf.** Diffusion
- Tuning**
dead-time compensator, higher-order procs., modified Smith predictor. *Matausek, M.R.*, +, *T-AC Aug 99* 1603-1606
dead-time compensators, robust tuning. *Normey-Rico, J.E.*, +, *T-AC Aug 99* 1597-1603
feedforward nonlin. systs., logic-based switching adaptive stabilization. *Ye Xudong*, *T-AC Nov 99* 2174-2178
high-gain stabilizable systs., adaptive sampling control. *Ilchmann, A.*, +, *T-AC Oct 99* 1961-1966
sinusoidal sig., globally convergent freq. estimator. *Liu Hsu*, +, *T-AC Apr 99* 698-713
- Two-term control**
descriptor syst. output feedback regularization. *Chu, D.L.*, +, *T-AC Feb 99* 405-412
robot arm decentralized nonlin. adaptive tracking. *Ming Liu*, *T-AC Feb 99* 357-363
sing. syst. regularization, decentralized output feedback. *Wang, D.*, +, *T-AC Jan 99* 148-152

U

- Uncertain systems**
2-DOF set-point discrete time supervisory controller. *Borrelli, D.*, +, *T-AC Jan 99* 178-181
adaptive continuous-time LQG control. *Duncan, T.E.*, +, *T-AC Sep 99* 1653-1662
automotive engine fault detect. by model based probabilistic approach. *Dinca, L.*, +, *T-AC Nov 99* 2200-2205
bounded uncertain systs., robustness. *Tits, A.L.*, +, *T-AC Jan 99* 50-65
continuous-time lin. systs., state feedback control synthesis, universal Lyapunov fns. *Blanchini, F.*, +, *T-AC Mar 99* 641-647
continuous-time nonlin. syst., worst case anal. *Fialho, I.J.*, +, *T-AC Jun 99* 1180-1196
continuous-time systs., robust H_2 anal., convex methods. *Paganini, F.*, *T-AC Feb 99* 239-252
continuous-time uncertain systs., Markovian jumping params., Kalman filtering. *Peng Shi*, +, *T-AC Aug 99* 1592-1597
controllability/observability, weak, robust, uncertainty. *Savkin, A.V.*, +, *T-AC May 99* 1037-1041
decentralized adaptive regulation with unknown HF-gain signs. *Ye Xudong*, *T-AC Nov 99* 2072-2076
delay uncertain syst. memoryless lin. tracking control. *Oucheriah, S.*, *T-AC Jul 99* 1473-1477
disturbance rejection robust control, aircraft appl. *Davison, D.E.*, +, *T-AC Aug 99* 1556-1559
dyn. state feedback control struct. *Bazanella, A.S.*, +, *T-AC Mar 99* 588-592
generalized l_2 synthesis, control design framework. *D Andrea, R.*, *T-AC Jun 99* 1145-1156
iter. learning controller with init. state learning. *Chen, Y.*, +, *T-AC Feb 99* 371-376
lin. discrete-time SISO systs., l_1 uncertainties, robust stabil. and design. *Polyak, B.T.*, +, *T-AC Nov 99* 2076-2080
lin. discrete-time uncertain syst. robust H_∞ control. *Peng Shi*, +, *T-AC Jan 99* 108-111
lin. models, freq.-depend. error bounds. *Andersson, L.*, +, *T-AC Nov 99* 2094-2098
lin. param.-varying systs., time-varying real uncertain params., control problem. *Emre Kose, I.*, +, *T-AC Mar 99* 658-663
lin. systs., generalized (C, A, B)-pairs, param. insensitive disturbance-rejection, dyn. compensator. *Otsuka, N.*, *T-AC Nov 99* 2195-2200
lin. uncertain stochastic syst. quadratic filtering. *Carravetta, F.*, +, *T-AC Jun 99* 1287-1292
LTI uncertain syst. ident., coprime factor modeling. *Guoxiang Gu*, *T-AC Aug 99* 1498-1511
Markovian jump discrete-time syst. control with delay. *Peng Shi*, +, *T-AC Nov 99* 2139-2144
matrices, compact convex set spectrum, for robustness anal. *Monov, V.V.*, *T-AC May 99* 1009-1012
matrix second-order uncertain syst. robust control. *Diwekar, A.M.*, +, *T-AC Feb 99* 401-405
model validation, time-/freq.-domain meas. *Demin Xu*, +, *T-AC Jul 99* 1435-1441
necessary/sufficient min. condition. *Beck, C.L.*, +, *T-AC Oct 99* 1802-1813
nonlin. bounded control for norm-bounded uncertain systs. *Garcia, G.*, +, *T-AC Jun 99* 1254-1258
nonlin. control, uncertain, robust adaptive backstepping. *Zhong-Ping Jiang*, +, *T-AC Sep 99* 1705-1711
nonlin. parameterized systs., adaptive estim./control. *Ai-Poh Loh*, +, *T-AC Sep 99* 1634-1652
nonlin. systs., robust stabilization w.r.t. pointwise norm-bounded uncertainties. *Battilotti, S.*, *T-AC Jan 99* 3-17
nonlin. uncertain syst. robust control via meas. feedback. *Zhong-Ping Jiang*, +, *T-AC Apr 99* 807-812
nonlin. uncertain systs., dual-scale learning control. *Jiafi-Xin Xu*, +, *T-AC Oct 99* 1884-1888

- nonlin. uncertain systs., local stabil./robustness. *Ito, H.*, *T-AC Jun 99* 1250-1254
observable min. phase SISO nonlin. systs., time-varying params., adaptive output feedback control. *Marino, R.*, +, *T-AC Nov 99* 2190-2194
output feedback robust stabilization of uncertain lin. systs. with saturating controls. *Henrion, D.*, +, *T-AC Nov 99* 2230-2237
perturbed systs., robust C-controllability/C-observability. *Chong Lin*, +, *T-AC Sep 99* 1768-1773
robust control/stabil. multipliers. *Yung-Shan Chou*, +, *T-AC May 99* 906-913
robust H_2 perform. anal., freq. domain conditions. *Paganini, F.*, *T-AC Jan 99* 38-49
robust H_∞ control design, feedforward compensators. *Giusto, A.*, +, *T-AC Aug 99* 1578-1582
robust pole placement in LMI regions. *Chilali, M.*, +, *T-AC Dec 99* 2257-2270
robust stabil. margin, guaranteed lower bound computation. *Balakrishnan, V.*, +, *T-AC Nov 99* 2185-2190
sing. perturbed systs., uncertain, H_∞ control. *Peng Shi*, +, *T-AC Sep 99* 1738-1742
SISO uncertain nonlin. systs., global output feedback controls, almost disturbance decoupling. *Marino, R.*, +, *T-AC Jan 99* 18-28
state space uncertain systs., parametric stabil. margin improvement under pole assignment. *Tingshu Hu*, +, *T-AC Oct 99* 1938-1942
time invariant uncertain delay syst. stabil. criterion. *PooGyeon Park*, *T-AC Apr 99* 876-877
time-varying uncertain syst. robust state feedback. *Blanchini, F.*, +, *T-AC Apr 99* 802-807
triangular nonlin. systs., sliding observer-control design. *Ahmed-Ali, T.*, +, *T-AC Jun 99* 1244-1249
uncertain lin. sing. systs., output feedback control, robustness anal. *Lin, J.L.*, +, *T-AC Oct 99* 1924-1929
uncertain polynomials/transfer fns., value set constr., adaptive ang. sweep algm. *Wilson, B.H.*, +, *T-AC Mar 99* 551-555
unknown discrete-time nonlin. fading memory syst., nonparametric output prediction. *Kulkarni, S.R.*, +, *T-AC Jan 99* 29-37
- Underwater vehicles**
autonomous underwater vehicle time-varying stabilization. *Pettersen, K.Y.*, +, *T-AC Jan 99* 112-115

V

- Variable structure systems**
adaptive control incorporating VSS, param. convergence. *Bartolini, G.*, +, *T-AC Jan 99* 70-76
 H_2 guaranteed cont sliding mode control design. *Takahashi, R.H.C.*, +, *T-AC Nov 99* 2214-2218
indirect adaptive control under bounded disturbances. *Bartolini, G.*, +, *T-AC Apr 99* 789-793
nonlin. convergent chattering-free sliding mode control systs. *Kachroo, P.*, *T-AC Aug 99* 1620-1624
robust control with integral action/limited rate control. *Cavallo, A.*, +, *T-AC Aug 99* 1569-1572
sliding mode control and chattering reduction, transformed Lure problem. *Ching-Yei Chung, S.*, +, *T-AC Mar 99* 563-568
sliding mode discrete-time syst. stabil., comments. *Westphal, L.C.*, *T-AC Jul 99* 1444-1445
triangular nonlin. systs., sliding observer-control design. *Ahmed-Ali, T.*, +, *T-AC Jun 99* 1244-1249
underactuated robots, adaptive variable struct. set-point control. *Chun-Yi Su*, +, *T-AC Nov 99* 2090-2093
- Variational techniques**
continuous-time nonlin. syst., worst case anal. *Fialho, I.J.*, +, *T-AC Jun 99* 1180-1196
 H^∞ control with transients, variational approach. *Lu, W.W.*, +, *T-AC Oct 99* 1875-1879
- Vehicles; cf.** Electric vehicles; Road vehicles; Space vehicles
- Velocity control; cf.** Angular velocity control
- Vibration control**
automotive act. suspen. syst. robust H^∞ feedback control. *Hayakawa, K.*, +, *T-AC Feb 99* 392-396
repetitive vibr. cancellation, Chaplin-Smith's patent. *Bodson, M.*, *T-AC Nov 99* 2221-2225
- Volterra series**
feedback Volterra systs., small gain theorem/anal. *Qingsheng Zheng*, +, *T-AC Mar 99* 635-640
finite degree discrete Volterra syst. I/O rep. *Kotsios, S.*, *T-AC Jul 99* 1460-1464

W

- Waveform analysis; cf.** Spectral analysis
- Wavelet transforms**
nonlin. control syst. wavelet-based ident. *Sureshbabu, N.*, +, *T-AC Feb 99* 412-417
- Wavelet transforms; cf.** Discrete wavelet transforms
- White noise**
continuous-time systs., robust H_2 anal., convex methods. *Paganini, F.*, *T-AC Feb 99* 239-252
failure-prone mfg. systs., adaptive prod. planning. *Duncan, T.E.*, +, *T-AC Feb 99* 427-430
generalized l_2 synthesis, control design framework. *D Andrea, R.*, *T-AC Jun 99* 1145-1156
nonlin. filters with white noise, rep. result. *Mazumdar, R.R.*, +, *T-AC Jan 99* 124-129
nonlin. stochastic discrete-time adaptive predictive control. *Chen Wei*, +, *T-AC Sep 99* 1725-1729

Z

- Z transforms**
one-sided Z-transform/discrete-time FT. *Gera, A.E.*, *T-AC Feb 99* 370-371