## **Bibliography** (as of 13 August 2007)

- 1. H. N. Agiza and M. T. Yassen, "Synchronization of Rossler and Chen chaotic dynamical systems using active control," Physics Letters A 278, 191-197, 2001.
- 2. W. M. Ahmad, R. El-Khazali and Y. Al-Assaf, "Stabilization of generalized fractional order chaotic systems using state feedback control," Chaos, Solitons and Fractals, 22, 141-150, 2004.
- 3. M. A. Avila, A. G. Loukianov and E. N. Sanchez, "Electro-hydraulic actuator trajectory tracking," AvLoSaACC03 (CD ROM), Mexico, 2003.
- 4. J. Canelon, L. S. Shieh, S. M. Guo and H. A. Malki, "Neural network-based digital redesign for control of unknown continuous-time chaotic systems," Int. J. Bifur. Chaos, 15(8): 2433-2455.
- 5. S. Celikovsky and G. Chen, "On a generalized Lorenz canonical form of chaotic systems," Int. J. of Bifur. Chaos, 12(8), 1789-1812, 2002.
- 6. S. Celikovsky and G. Chen, "Secure synchronization of a class of chaotic systems from a nonlinear observer approach," IEEE Trans. on Auto. Contr., accepted, 2004.
- W. Chang, J. B. Park and Y. H. Joo, "GA-based intelligent digital redesign of fuzz-model-based controllers," IEEE Trans. on Fuzzy Systems, 11(1), 35-44, 2003.
- W. Chang, J. B. Park, Y. H. Joo and G. Chen, "Output feedback control of Chen's chaotic attractor using fuzzy logic," Proc. of IECON'2000, Japan, Oct., 2000, pp. 2159-2164.
- 9. W. Chang, J. B. Park, Y. H. Joo and G. Chen, "Output feedback fuzzy control for uncertain nonlinear systems," ASME Journal of Dynamic Systems, Measurement and Control, 125, 521-530, 2003.
- W. Chang, J. B. Park, Y. H. Joo and G. Chen, "Static output feedback fuzzy controller for Chen's chaotic systems with uncertainties," Inform. Sci., 151, 221-244, 2003.
- 11. Y. Chang and G. Chen, "Complex dynamics in Chen's system," Chaos, Solitons and Fractals, 27, 75-86, 2006.
- 12. A. Chen, J. A. Lu, J. H. Lu and S. M. Yu, "Generating hyperchaotic Lu attractor via state feedback control," Physica A, 364, 103-110, 2006.
- 13. C. Chen, G. Feng and X. Guan, "Robust synchronization of chaotic Lur'e systems via delayed feedback control", Phys. Lett. A, 321, 344-354, 2004.
- 14. G. Chen and J. H. Lu, Dynamics of the Lorenz Systems Family: Analysis, Control and Synchronization (in Chinese), Science Press, Beijing, China, 2003.
- 15. G. Chen, Y. B. Mao, and C. K. Chui, "A symmetric image encryption scheme based on 3D chaotic cat maps," Chaos, Solitons and Fractals, 21, 749-761, 2004.
- 16. G. Chen and T. Ueta, "Yet another chaotic attractor," Int. J. of Bifurcation and Chaos, 9, 1465-1466, 1999.
- 17. H.-K. Chen, "Synchronization of two different chaotic systems: a new system and each of the dynamical systems Lorenz, Chen and Lu" Chaos, Solitons and Fractals, 25, 1049-1056, 2005.
- 18. H.-K Chen and C.-I Lee, "Anti-control of chaos in rigid body motion," Chaos, Solitons and Fractals, 2004, to appear.

- 19. Q. Chen, Y. Hong, G. Chen and Q. Zhong, "Chaotic attractor in striped rectangular shapes generated by Rossler-like system," Physics Letters A, 348, 195-200, 2006.
- 20. S. H. Chen and J. H. Lu, "Synchronization of an uncertain unified chaotic system via adaptive control," Chaos, Solitons and Fractals, 14, 643-647, 2002.
- T.-H. Chien, J. S.-H. Tsai, S.-M. Guo and G. Chen, "Lower-order state-space self-tuning control for a stochastic chaotic hybrid system," IMA Journal of Mathematical Control and Information, accepted, 2006.
- 22. T. P. Chen, X. Liu and W. Lu, "Pinning complex networks by a single controller," IEEE Trans. Circuits and Systems-I, June 2007.
- 23. M.-F. Danca, "Controlling chaos in discontinuous dynamical systems," Chaos, Solitons and Fractals, 22, 605-612, 2004.
- 24. S. J. Deng and C. D. Li, "Chaos anti-synchronization of Chen system," to appear, 2006.
- 25. W. Deng and C. P. Li, "Chaos synchronization of the fractional Lu system," Physica A, 353, 61-72, 2005.
- 26. W. Deng and C. P. Li, "The synchronization of the chaotic fractional Chen system," Physica A, 2005.
- 27. W. Deng and C. P. Li, "Synchronization of chaotic fractional Chen system," J. of Physical Society of Japan, 74, 1645-1648, June 2005.
- S. Du, Z. Chen, Z. Yuan and X. Zhang, "A kind of Lorenz attractor behavior and its application in association memory," Int. J. of Innovative Computing, Information and Control, 1, 109-129, 2005.
- 29. R. El-Khazali, W. Ahmad and Y. Al-Assaf, "Sliding mode control of generalized fractional chaotic systems," preprint, 2005.
- E. M. Elabbasy, H. N. Agiza and M. M. El-Dessoky, "Adaptive synchronization for four-scroll attractor with fully unknown parameters," Physics Letters A, 349, 187-191, 2006.
- 31. E. M. Elabbasy, H. N. Agiza and M. M. El-Dessoky, "Adaptive synchronization of a hyperchaotic system with uncertain parameter," Chaos, Solitons and Fractals, 30, 1133-1142, 2006.
- 32. A. A. Emadzadeh and M. Haeri, "Synchronization of two different uncertain chaotic systems via adaptive control," to appear, 2005.
- 33. R. A. Felix, E. N. Sanchez and G. Chen, "Reproducing chaos by variable structure recurrent neural networks," IEEE Trans. on Neural Networks, accepted, 2004.
- 34. G. Gambino, M. C. Lombardo, and M. Sammartino, "Global linear feedback control for the generalized Lorenz system, " Chaos, Solitons and Fractals, 29, 829-837, 2006.
- 35. T. Gao, Z. Chen, Z. Yuan and G. Chen, "A hyperchaos generated from Chen's system," Int. J. of Modern Physics C, 17, 471-478, 2006.
- 36. J. B. Guan and F. Y. Chen, "Bifurcation analysis for Chen's system with distributed delays feedback," Acta Mathematica Sinica, Chinese Series, 50, 63-74, 2007.
- 37. X.-P. Guan, Z.-P. Fan, H.-P. Peng and Y.-Q. Wang, "The adaptive control of Chen's chaotic systems," ACTA Physica Sinica, 50, 2108-2111, 2001.

- 38. Z.-H. Guan, R.-Q. Liao, F. Zhou and H. O. Wang, "On impulsive control and its application to Chen's chaotic systems," Int. J. of Bifurcation and Chaos, 12, 1191-1197, 2002.
- 39. F. Han, Y. Wang, X. Yu and Y. Feng, "Experimental confirmation of a new chaotic attractor," Chaos, Solitons and Fractals, 21, 69-74, 2004.
- 40. C. Hua and X. P. Guan, "Adaptive control for chaotic systems," Chaos, Solitons and Fractals, 22, 55-60, 2004.
- 41. C. Hua, X. P. Guan, L. Li and P. Shi, "Adaptive observer-based control of a class of chaotic systems," Chaos, Solitons and Fractals, 22, 103-110, 2004.
- 42. D. B. Huang, "Global dynamics in the periodically forced Chen system," Progress of Theoretical Physics, 112(5), 785-796, 2004.
- 43. Y. Huang and X.-S. Yang, "Horseshoes in modified Chen's attractors," Chaos, Solitons and Fractals, 26, 79-85, 2005.
- 44. G. P. Jiang, G. Chen and W. K. S. Tang, "Stabilizing unstable equilibria of chaotic systems from a state observer approach," IEEE Trans. on Circuits and Systems, II, 51, 2004.
- 45. K. Kemih and S. Filali, "Passivity-based control of Chen chaotic system," preprint, 2004.
- 46. A. Krawiecki and S. Matyjaskiewicz, "Blowout bifurcation and stability of marginal synchronization of chaos," Phys. Rev. E, 64, 036216, 2001.
- 47. Y. Y. Lee, J. S. H. Tsai, L. S. Shieh and G. Chen, "Equivalent linear observerbased tracker for stochastic chaotic system with delays and disturbances," IMA J. of Math. Contr and Inform., 22, 266-284, 2005.
- 48. C. G. Li and G. Chen, "Chaos in the fractal order Chen system and its control," Chaos, Solitons and Fractals, 22, 549-554, 2004.
- 49. C. G. Li and G. Chen, "Hyperchaos in the fractional-order nonautonomous Chen's system and its synchronization," Int. J. of Modern Physics C, 16, 815-826, 2005.
- 50. C. P. Li, W. H. Deng and G. Chen, "Scaling attractors of fractional differential systems," Fractals, 14, 303-313, April 2006.
- 51. C. P. Li and G. J. Peng, "Chaos in Chen's system with a fractional order," Chaos, Solitons and Fractals, 22, 443-450, 2004.
- 52. D.-Q. Li, "Hybrid TS fuzzy modelling and simulation for chaotic Lorenz system," Chinese Physics, 15, 2541-2548, 2006.
- 53. D. Li, J.-A. Lu and X. Wu, "Linearly coupled synchronization of the unified chaotic systems and the Lorenz systems," Chaos, Solitons and Fractals, 23, 79-85, 2004.
- 54. D. Li, J.-A. Lu, X. Wu and G. Chen, "Estimating the bounds for the Lorenz family of chaotic systems," Chaos, Solitons and Fractals, 23, 529-534, 2005.
- 55. L. Li, X. Liu and X. Shen, "Chaos synchronization using impulsive driving and applications to secure communications," Dynamics of Continuous, Discrete and Impulsive Systems, 2003, to appear.
- 56. T. C. Li, G. T. Chen and G. Chen, "On homoclinic and heteroclinic orbits of Chen's system," Int. J. of Bifur. Chaos, 16(10), 2006.
- 57. T. C. Li, G. Chen and Y. Tang, "On stability and bifurcation of Chen's system," Chaos, Solitons and Fractals, 19, 1269-1282, 2004.

- 58. T. C. Li, G. Chen, Y. Tang and L. Yang, "Hopf bifurcation of the generalized Lorenz canonical form," Nonlinear Dynamics, accepted, 2006.
- 59. X. Li and X. F. Wang, "Pinning control of scale-free Chen's networks," Proc. of 2nd Asia-Pacific Workshop on Chaos Control and Synchronization, Shanghai, China, 7-8 Nov. 2003.
- 60. X. Li, X. F. Wang and G. Chen, "Pinning a complex dynamical network to its equilibrium," IEEE Trans. Circ. Sys. –I, accepted, Jan. 2004.
- 61. Y. X. Li, W. K. S. Tang and G. Chen, "Generting hyperchaots via state feedback control," Int. J. of Bifur. Chaos, accepted, 2004.
- 62. Y. X. Li, S. K. Tang and G. Chen, "Hyperchaos evolved form the generalized Lorenz equation," Int. J. of Circ. Theo. Appl., 33, 235-251, 2005.
- 63. Y. X. Li, G. Chen and W. K. S. Tang, "Controlling a unified chaotic system to hyperchaotic," IEEE Trans. on Circ. Sys.,-II, 52, 204-207, 2005.
- 64. Y. X. Li, K. S. Tang, G. Chen and X. Su, "Hyperchaotic Chen's system and its generation," Dynamics of Continuous, Discrete and Impulsive Systems, Ser. B, 14, 97-102, 2007.
- 65. Z. Li, Fuzzy Chaotic Systems: Modeling, Control and Applications, Springer-Verlag, Berlin, 2006.
- 66. Z. Li and G. Chen, "Global synchronization and asymptotic stability of complex dynamical networks," IEEE Trans. On Circ. Sys.-II, 53, 2006.
- 67. Z. Li and G. Chen, "Robust adaptive synchronization of uncertain dynamical networks," Physics Letters A, 324, 166-178, 2004.
- 68. Z. Li, G. Chen and W. A. Halang, "Anticontrol of chaos for Takagi-Sugeno fuzzy systems," in Integration of Fuzzy Logic and Chaos Theory, Z. Li, W. A. Halang and G. Chen (eds.), Springer, Berlin, 2006, pp. 185-227.
- 69. Z. Li, G. Chen and W. A. Halang, "Homoclinic and heteroclinic orbits in a modified Lorenz system," Information Sciences, 165: 235-245, 2004.
- 70. Z. Li, C. Han and J. Han, "Robust adaptive control of Rossler and Chen chaotic systems," Proc. of NOLTA 2002, Xi'an, China, Oct. 7-11, 2002, pp. 223-226.
- 71. F. Liang, J. Xiang, S. Chen and J. Shi, "Projective synchronization and control of unified chaotic system", arXiv:nlin.CD/0505002 v1, 1 May 2005.
- 72. H. Liao, T. Zhou and Y. Tang, "The chaotic region of Lorenz-like system in the parametric space," Chaos, Solitons and Fractals, 21, 185-192, 2004.
- 73. X. F. Liao and G. Chen, "Hopf bifurcation and chaos analysis of Chen's system with distributed delays," Chaos, Solitons and Fractals, accepted, 2004.
- 74. X. X. Liao and G. Chen, "On feedback-controlled synchronization of chaotic systems," Int. J. of Sys. Sci., 43, 453-461, 2003.
- 75. X. X. Liao, G. Chen and H. O. Wang, "On global synchronization of chaotic systems," Dynamics of Continuous, Discrete and Impulsive Systems, 10, 865-872, 2003.
- 76. J. Liu and S. H. Chen, "Tracking control and synchronization of unified system," (in Chinese) J. of Mathematics, 22(3), 341-344, 2002.
- 77. J. Liu, S. Chen and J. Xie, "Parameter identification and control of uncertain unified chaotic system via adaptive extending equilibrium manifold approach," Chaos, Solitons and Fractals, 19, 533-540, 2004.

- 78. W. B. Liu and G. Chen, "A new chaotic system and its generation," Int. J. of Bifur. Chaos, 13(1), 261-267, 2003.
- 79. Z. Liu, Y. Li and G. Chen, "The basin of attraction of the Chen attractor," Chaos, Solitons and Fractals, 34,1696-1703, 2007.
- 80. J. Lu and J. Cao, "Adaptive complete synchronization of two identical or different chaotic (hyperchaotic) systems with fully unknown parameters," Chaos, 2005, in press.
- J. A. Lu, X. B. Han, Y. T. Li and M. H. Yu, "Adaptive coupled synchronization among multi-Lorenz systems family," Chaos, Solitons and Fractals, 31, 866-878, 2007.
- 82. J. A. Lu, B. Hung and X. Wu, "Control of a unified chaotic system with delayed continuous periodic switch," Chaos, Solitons and Fractals, 22, 229-236, 2004.
- 83. J. A. Lu, J. H. Lu and G. Chen, "On reconstruction of the Lorenz and Chen systems with noisy observations," Comput. Math. Appl., 46, 1427-1434, 2003.
- 84. J. A. Lu, J. H. Lu and S. H. Chen, "Chen's chaotic attractor and its characteristic quantity," Control Theory and Application, 19, 308-310, 2002.
- 85. J. G. Lu and G. Chen, "A note on the fractional-order Chen system," Chaos, Solitons and Fractals, 27, 685-688, 2006.
- 86. Z. Lu, L. S. Shieh and J. Chandra, "Tracking control of nonlinear systems: A sliding mode design via chaotic optimization," Int. J. Bifurcation and Chaos, 14, 1343-1355, 2004.
- 87. J. H. Lu, G. Chen and D. Cheng, "A new chaotic system and beyond: The generalized Lorenz system," Int. J. of Bifur. Chaos, 14, 1507-1537, May 2004.
- 88. J. H. Lu, G. Chen and S. Zhang, "Dynamic analysis of a new chaotic attractor," Int. J. of Bifur. Chaos, 12, 1001-1015, 2002.
- 89. J. H. Lu, G. Chen and S. Zhang, "Controlling in between the Lorenz and the Chen systems," Int. J. of Bifur Chaos, 12, 1417-1422, 2002.
- 90. J. H. Lu, G. Chen, S. Zhang and S. Celikovsky, "Bridge the gap between the Lorenz and the Chen systems," Int. J. of Bifur. Chaos, 12(12), 2917-2926, 2003.
- 91. J. H. Lu and J. A. Lu, "Controlling the uncertain Lv system," Chaos, Solitons and Fractals, 17, 127-133, 2003.
- 92. J. H. Lu and S. Zhang, "Controlling Chen's chaotic attractor using backstepping design based on parameters identification," Physics Letters A, 286, 148-152, 2001.
- 93. J. H. Lu, T. Zhou, G. Chen and S. Zhang, "Local bifurcation of the Chen system," Int. J. of Bifur. Chaos, 12, 2257-2270, 2002.
- 94. J. H. Lu, T. Zhou, G. Chen and S. Zhang, "The compound structure of Chen's attractor," Int. J. of Bifurcation and Chaos, 12, 855-858, 2002.
- 95. J. H. Lu, T. Zhou and S. Zhang, "Controlling Chen's chaotic attractor using feedback function based on parameters identification," Chinese Physics, 11(1), 12-16, 2002.
- 96. J. H. Lu, T. Zhou and S. Zhang, "Chaos synchronization between linearly coupled chaotic systems," Chaos, Solitons and Fractals, 14, 529-541, 2002.
- 97. L. Lu, L. Luan and Z.-A. Guo, "Synchronization of chaotic systems with different order," Chinese Physics, 16, 346-351, 2007.

- 98. S. H. Mahboobi, M. Shahrokhi and H. N. Pishkenari, "Observer-based control design for three well-known chaotic systems," Chaos, Soliton and Fractals, 29, 381-392, 2006
- 99. L.-Q. Min, G. Chen, X.-D. Zhang, X.-H. Zhang and M. Yang, "Approach to generalized synchronization with application to chaos-based secure communication," Commun. Theor. Phys., 41, 632-640, 2004.
- 100. J. H. Park, "Chaos synchronization of a chaotic system via nonlinear control," Chaos, Solitons and Fractals, 25, 579-584, 2005.
- 101. J. H. Park, "On synchronization of unified chaotic systems via nonlinear control," Chaos, Solitons and Fractals, 25, 699-704, 2005.
- 102. J. H. Park, "Adaptive synchronization of hyperchaotic Chen system with uncertain parameters," Chaos, Solitons and Fractals, 26, 959-964, 2005.
- 103. D. Qi, G. Zhao and Y. Song, "Passive control of Chen chaotic system," Proc. of 5th World Congress on Intelligent Control and Automation, Hangzhou, China, 15-19 June 2004, pp. 1284-1286.
- 104. G. Qi, Z. Chen and Z. Yuan, "Model-free control of affine chaotic systems," Phys. Lett. A, 344: 189-202, 2005.
- 105. W. X. Qin and G. Chen, "On the boundedness of solutions of the Chen system," J. Math. Anal. Appl., 2006, in press.
- 106. F. I. Robbio, J. L. Moiola and D. M. Alonso, "On semi-analytical procedure for detecting limit cycle bifurcations," preprint, 2002.
- 107. J. Reger, "Algebraic state estimation for the synchronization of chaotic systems," INRIA 2005.
- 108. E. N. Sanchez, J. P. Perez, M. Martinez and G. Chen, "Global asymptotic stabilization of Chen's chaotic system via inverse optimal control," Proc. 8th IEEE Mediterranean Conf. on Control and Automation, University of Patars, Greece, July 17-19, 2000, in CD ROM.
- 109. E. N. Sanchez, L. J. Ricalde and J. P. Perez, Neural network design for chaos synchronization, in Chaos Control: Theory and Applications (G. Chen and X. Yu, eds.), Springer-Verlag, 2003, pp. 137-158.
- 110. E. N. Sanchez, L. J. Ricalde and J. P. Perez, "Using adaptive recurrent neural networks for chaos control," Dynamics of Continuous, Discrete and Impulsive Systems, 10(6), 915-928, 2003.
- 111. J. C. Sprott, Chaos and Time-Series Analysis, Oxford University Press, 2003.
- 112. E. Solak, "An observer for the synchronization of Chen systems," preprint, 2004.
- 113. Y. Song and J. Wei, "Bifurcation analysis for Chen's system with delayed feedback and its application to control of chaos," Chaos, Solitons and Fractals, 22, 5-91, 2004.
- 114. F. Y. Sun, "Global chaos synchronization between two new different chaotic systems via active control," Chinese Physics Letters, 23, 32-34, 2006.
- 115. K. S. Tang, K. F. Man, G. Q. Zhong, and G. Chen, "Some new circuit design for chaos generation," Chapter 9 in Chaos in Circuits and Systems, ed. by G. Chen and T. Ueta, World Scientific Pub. Co., Singapore, May 2002, pp. 171-190.

- 116. G. Tigan and D. Opris, "Analysis of a 3D chaotic system," arXiv:math.DS/ 0608568 v1
- 117. T. Ueta and G. Chen, "Bifurcation analysis of Chen's attractor," Int. J. of Bifur. Chaos, 10, 1917-1931, 2000.
- 118. T. Ueta and G. Chen, "Bifurcation and chaos in Chen's equation," Proc. of IEEE Int'l Symposium on Circuits and Systems, Geneva, Switzerland, May 29-31, 2000, Vol. V, pp. 505-508.
- 119. F. Wang and C.-X. Liu, "A new multi-scroll chaotic system," Chinese Physics, 15, 2878-2882, 2006.
- 120. H.-P. Wang, J. S.-H. Tsai, Y.-I Yi and L. S. Shieh, "Lifted digital redesign of prediction-based digital controller for hybrid chaotic system," Int. J. of Bifur. Chaos, 14, 2295-2320, 2004.
- 121. J. Wang and Y. Zhang, "Designing synchronization schemes for chaotic fractional-order unified systems," Chaos, Solitons and Fractals, 32, 1265-1272, 2006.
- 122. J.-Z. Wang, Z.-Q. Chen and Z.-Z. Yuan, "The generation of a hyperchaotic system based on a three-dimensional autonomous chaotic system," Chinese Physics, 15, 1216-1225, 2006.
- 123. G. Wang, S.-S. Qiu, H.-W. Li, C.-F. Li and Y. Zheng, "A new chaotic system and its circuit realization," Chinese Physics, 15, 2872-2877, 2006.
- 124. X. Wang, "Chen's attractor -- A new chaotic attractor," Control Theory and Applications, 16, 779, 2000.
- 125. Y. Wang. Z.-H. Guan, H. O. Wang and J.-W. Xiao, "Impulsive control for T-S fuzzy system and its application to chaotic systems," Int. J. Bifur. Chaos, 16, 2417-2423, 2006.
- 126. Y.-W. Wang, Z.-H. Guan and X. Wen, "Adaptive synchronization for Chen chaotic system with fully unknown parameters," Chaos, Solitons and Fractals, 19, 899-903, 2004.
- 127. Y.-W. Wang, Z.-H. Guan and J. W. Xiao, "Impulsive control for synchronization of a class of continuous systems," Chaos, 14, 199-203, 2004.
- 128. Z. J. Wang, Z. Q. Chen and Z. Z. Yuan, "The generation of a hyperchaotic system based on a three-dimensional autonomous chaotic system," Chinese Physics, 15(6), 1216-10, 2006.
- 129. T. Wen, Y.-N. Wang, F. Duan and X.-H. Li, "LIM-based output feedback fuzzy control of chaotic system with uncertainties," Chinese Physics, 15, 2529-2534, 2006.
- 130. X.-J. Wu, "Chaos synchronization of the new hyperchaotic Chen system via nonlinear control," Acta Physica Sinica, 22(12), 6261-6266, 2006.
- 131. X.-J Wu, "A new chaotic communication scheme based on adaptive synchronization," Chaos, 16, 043118(1-12), 2007.
- 132. X. Wu, G. Chen, and J. Cai, "Chaos synchronization of the master-slave generalized Lorenz systems via linear state error feedback control," Physica D, Vol. 299, pp. 52-80, 2007.
- 133. X. Wu, J. A. Lu, H. H. C. Iu and S.-C. Wong, "Suppression and generation of chaos for a three-dimensional autonomous system using parametric perturbations," Chaos, Solitons and Fractal, 31, 811-819, 2007.

- 134. X. Wu, J. A. Lu, M. C. K. Tse, J. Wang and J. Liu, "Impulsive control and synchronization of the Lorenz systems family," Chaos, Solitons and Fractals, 31, 631-638, 2007.
- 135. X. Wu, J. A. Lu and J. Xie, "Controlling a unified chaotic system to equilibrium points using sampled data feedback," J. of Control Theory and Applications, 2002, to appear.
- 136. L. Xiang, Z. X. Liu, Z. Q. Chen, F. Chen and Z. Z. Yuan, "Pinning control of complex dynamical networks with general topology," Physica A, 379, 298-306, 2007.
- 137. J.-F. Xu, M.-Q. Min and G. Chen, "A chaotic communication scheme based on generalized synchronization and Hash functions," Chinese Physics Letters, accepted, 2004.
- 138. J. Yan and C. P. Li, "Generalized projective synchronization of a unified chaotic system," Chaos, Solitons and Fractals, 26, 1119-1124, 2005.
- 139. Z. Y. Yan, "A new scheme to generalized (lag, anticipated, and complete) synchronization in chaotic and hyperchaotic systems," Chaos, 15, 013101 (1-10), 2005.
- 140. Z. Y. Yan, "Hopf bifurcation in the Lorenz-type chaotic system," Chaos, Solitons and Fractals, 31, 1135-1142, 2007.
- 141. Z. Y. Yan, Constructive Theory and Applications of Complex Nonlinear Waves (in Chinese), Science Press, Beijing, 2007.
- 142. B. L. Yang and T. Yang, "Sampled data feedback control of Chen's system," ACTA Physica Sinica, 49, 1039-1042, 2000.
- 143. Q. Yang, G. Chen and K. Huang, "Chaotic attractors of the conjugate Chen system," Proc. of Int. Conference on Dynamics, Vibrations and Control, Beijing, 23-26 August 2006.
- 144. J. Yao, Z. H. Guan and D. J. Hill, "Adaptive switching control and synchronization of chaotic systems with uncertainties," J. of Bifurcation and Chaos, 15, 3381-3390, 2005.
- 145. J. Yao, Z. H. Guan and D. J. Hill, "Adaptive switching control and synchronization of a class of nonlinear systems," Proceedings of the 43<sup>rd</sup> IEEE Conference on Decision and Control, Bahamas, Dec 14-17, 2004, pp. 2065-2070.
- 146. J. Yao, Z.-H. Guan and X. Yu, "Impulsive decentralized control of general complex dynamical networks," Dynamics of Continuous, Discrete and Impulsive Systems, 13(c), 133-144, 2006.
- 147. M. T. Yassen, "Chaos control of Chen chaotic dynamical system," Chaos, Solitons and Fractals, 15, 271-283, 2003.
- 148. M. T. Yassen, "Feedback and adaptive synchronization of chaotic Lu system," Chaos, Solitons and Fractals, 25, 379-386, 2005.
- 149. M. T. Yassen, "Controlling chaos and synchronization for new chaotic system using linear feedback control," Chaos, Solitons and Fractals, 26, 913-920, 2005.
- 150. P. Yu and X. X. Liao, "New estimations for globally attractive and positive invariant set of the family of the Lorenz systems," Int. J. of Bifurcation and Chaos, 11, 3383-3390, 2006.

- 151. P. Yu and F. Xu, "A common phenomenon in chaotic systems linked by time delay, " J. of Bifurcation and Chaos, 16, 3727-3736, 2006.
- 152. W. Yu, G. Chen, J. Cao, J. Lu and U. Parlitz, "Parameter identification of dynamical systems from time series," Phys. Rev. E, 75, 137705, 2007.
- 153. X. Yu and Y. Xia, "Detecting unstable periodic orbits in Chen's chaotic attractor," Int. J. of Bifur. Chaos, 10, 1987-1991, 2001.
- 154. H. B. Zhang, C. G. Li and G. Chen, "Hyperchaos in the fractional-order nonautonomous Chen's system and its synchronization," Int. J. of Modern Physics C, 16, 1-12, May 2005.
- 155. H. Zhang, X. Liao and J. Yu, "Fuzzy modeling and synchronization of hyperchaotic systems," Chaos, Solitons and Fractals, 26, 835-843, 2005.
- 156. H. Zhang, Z. Wang and D. Liu, "Chaotification of the fuzzy hyperbolic model," in Integration of Fuzzy Logic and Chaos Theory, Z. Li, W. A. Halang and G. Chen (eds.), Springer, Berlin, 2006, pp. 229-257.
- 157. X. Zhang, X. Liao and J. Yu, "Impulsive control, complete and lag synchronization of unified system with continuous periodic switch," Chaos, Solitons and Fractals, 26, 845-854, 2005.
- 158. Y. A. Zheng, "Controlling chaos based on an adaptive adjustment mechanism," Chaos, Solitons and Fractals, 30, 1069-1073, 2006.
- 159. G.-Q. Zhong and K. S. Tang, "Circuitry implementation and synchronization of Chen's attractor," Int. J. of Bifur. Chaos, 12(6), 1423-1427, 2002.
- 160. T. S. Zhou and G. Chen, "Classification of chaos in 3-D autonomous quadratic systems—I: Basic framework and methods," Int. J. of Bifur. Chaos, accepted, 2005.
- 161. T. S. Zhou, G. Chen and S. Celikovsky, "Si'lnikov chaos in the generalized Lorenz canonical form of dynamics systems," Nonlinearity, accepted, 2004
- 162. T. S. Zhou, G. Chen and Y. Tang, "Complex dynamical behaviors of the chaotic Chen's system," Int. J. of Bifur. Chaos, 13(9), 2561-2574, 2003.
- 163. T. S. Zhou, G. Chen and Y. Tang, "Chen's attractor exists," Int. J. of Bifur. Chaos, accepted, 2003.
- 164. T. S. Zhou and C. P. Li, "Synchronization in fractional-order differential systems," Physica D, 212, 111-125, 2005.
- 165. Y.-L. Zou and J. Zhu, "Controlling projective synchronization in coupled chaotic systems," Chinese Physics, 15, 1965-1970, 2006.