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基本信息

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教育背景

- 2005年-2009年，东北大学(信息科学与工程学院)，控制理论与控制工程专业，获博士学位
- 2003年-2005年，东北大学(信息科学与工程学院)，控制理论与控制工程专业，硕博连读
- 1998年-2002年，东北大学(信息科学与工程学院)，自动化专业，获学士学位

研究方向

- 智能控制、最优控制、自适应动态规划、非线性系统、神经网络控制

工作经历

- 2009-2011年，中国科学院自动化研究所，复杂系统管理与控制国家重点实验室，博士后
- 2011-2013年，中国科学院自动化研究所，复杂系统管理与控制国家重点实验室，助理研究员
- 2013-今，中国科学院自动化研究所，复杂系统管理与控制国家重点实验室，副研究员

获奖情况

- 2012年，智能控制与自动化世界大会(WCICA2012)最佳论文提名奖
- 2011年，《自动化学报》优秀论文奖
- 2011年，复杂系统管理与控制国家重点实验室主任奖

学术兼职

- 2011-今，IEEE Member
- 2011年，Neural Computing & Applications (SCI), Guest Editor
- 2012年，Neurocomputing (SCI), Guest Editor
- 2011年，8th International Symposium on Neural Networks (ISNN 2011), Registration Chair
- 2012年，The Ninth International Symposium on Neural Networks (ISNN 2012), Publications Chairs
- 2012年，International Conference on Brain Inspired Cognitive Systems (BICS 2012), Publicity Chairs
- 2013年，The 2013 International Conference on Brain Inspired Cognitive Systems (BICS 2013), Registration Chair
- 2013年，4th International Conference on Intelligent Control and Information Processing (ICICIP 2013), Finance Chair
- 2010年，IEEE International Conference on Networking, Sensing and Control (ICNSC 2010), 程序委员
- 2012年，22nd Italian Workshop on Neural Networks (WIRN 2012) Program Committee (PC) Member

代表论著

- [1] H. G. Zhang, Q. L. Wei, and Y. H. Luo, "A novel infinite-time optimal tracking control scheme for a class of discrete-time nonlinear system based on greedy HDP iteration algorithm," *IEEE Transactions on Systems, Man, and Cybernetics-Part B: Cybernetics*, vol. 38, no. 4, pp. 937 - 942, 2008.
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- [3] Q. L. Wei, H. G. Zhang, and L. L. Cui, "Data-based optimal control for discrete-time zero-sum games of 2-d systems using adaptive critic designs," *ACTA Automatica Sinica*, vol. 35, pp. 682-692, 2009.
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- [5] H. G. Zhang, Q. L. Wei, and D. R. Liu, "An iterative adaptive dynamic programming method for solving a class of nonlinear zero-sum differential games," *Automatica*, vol. 47, no. 1, pp. 207 - 214, 2011.
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- [7] Q. L. Wei, and D. R. Liu, "An iterative ϵ -optimal control scheme for a class of discrete-time nonlinear systems with unfixed initial state," *Neural Networks*, vol. 32, pp. 236 - 244, 2012.
- [8] D. R. Liu and Q. L. Wei, "Finite-approximation-error-based optimal control approach for discrete-time nonlinear systems," *IEEE Transactions on Cybernetics*, vol. 43, no. 2, pp. 779 - 789, 2013.
- [9] Q. L. Wei, D. Wang, and D. H. Zhang, "Dual iterative adaptive dynamic programming for a class of discrete-time nonlinear systems with time-delays," *Neural Computing & Applications*, Article in Press, DOI: 10.1007/s00521-012-1188-7.
- [10] D. R. Liu and Q. L. Wei, "Multi-person zero-sum differential games for a class of uncertain nonlinear systems," *International Journal of Adaptive Control and Signal Processing*, Article in Press, DOI: 10.1002/acs.2349.

发明专利

▶ 暂无

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