

Maoqing Li

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Short Bio:

Maoqing Li, male, born in 1953, Fuan, Fujian, China, is now the Deputy Dean of school of Information Science and Technology of Xiamen University. He graduated from Xiamen University in 1978 and became faculty at the same year. He is now a doctor advisor, and permanent professor in Department of Automation at Xiamen University. He is the vice chairman of China National Computer Distance Education and Continuing Education Society, executive committee of China Systems Engineering Society, chairman of Fujian Systems engineering Society. He is the chief editor of the "International Journal of Systems and Control". He serves as the general chairman of International Conference on Control and Automation in 2002 and 2010, chairman of the organizing committee of the 10th Conference on Manufacturing and Management, chairman of the organizing committee of the International Conference on Environment and Information in 2005, chairman of the organizing committee of the First International Conference on Computer Science and Education in 2006. He has led or participated in more than 30 research projects, authored more than 200 articles and 6 monographs/textbooks. He won the first Fujian province Youth Science and Technology Award in 1991.

Research Areas :

System Engineering, Integration of Computer Information Systems, Decision Support System, etc

Grants/Projects :

- A New Paradigm of Soft Science Based on Complexity, The First Partner, The Research Project on Soft Science of The Ministry of Science, 2008
- The Remote Control and Simulation Laboratory System of Electric Resistance Furnace, Project Leader, 2003
- Distributed Online Teaching and Examination Management System, Project Leader, 2001-2004
- The Computer Integrated Management System for National Computer Rank Examination, Committee of Examination of Fujian Province, Project Leader, 1999

- Computer Information Management System for Campus Bank in Xiamen University, Project Leader, 1995
- The Eighth Five Key Research Project of National Committee of Examination “The Computer Management System for Self-taught Examination”, Project Leader, 1995
- The Management Information System for Dongdu Stevedoring company of Xiamen Port Authority, Project Leader, 1992
- Software Autogeneration Tool, Natural Science Foundation of Fujian Province, Project Leader, 1987
- Xiamen Jianfa Computer Information Management System, Project Leader, 1988
- The Research and Deployment of The "Seventh Five" Technical Improvement Engineering System for Xiamen Cigarettes Factory, Project Technical Leader, 1989
- The Cost Accounting Computer Management System for Underwear Products for Enterprises of Knitting Industry, “Double Thousands” Awards of Fujian Provincial Science and Technology Association, 1988

Awards:

- Microcomputer Automatic Generation of Test Paper Base Management System, The Second Prize of Scientific and Technological Achievements in National Committee of Examination
- The Demand Forecast of Expertise in Fujian Province, The Second Prize of Science and Technology Progress in Fujian Province
- Import and Export Business Computer Management System, The Third Prize of Science and Technology Progress in Fujian Province
- The “Seventh Five” Technical Improvement Engineering System for Xiamen Cigarette Factory, The Second Prize of The First National Tobacco Industry Management Modernization Hold by China Tobacco Monopoly Bureau
- China Robot Competition and the 2008 China Robocup Open Simulation League 2D, National Champion
- Robocup 2009 Graz Soccer Simulation League 3D, 3rd Prize

Selected Papers:

- (1) ZHU Shun-Zhi, HONG Wen-Xing, WU Qun-Yong, LI Mao-Qing, "Design and Implement for Distributed Database of Integrated Underground Pipelines", Journal of Xiamen University (Natural Science), Vol 5, 2009.
- (4) Yang Jian-Xiong¹, Lin Dong-Yun¹ and Li Mao-Qing¹, "Analysis on controllability of descriptor systems under structural decomposition", 2007 IEEE International Conference on Control and Automation(ICCA).(EI Compendex)
- (5) WANG Ying, ZHU Shun-Zhi, XU Wei, MIAO Ke-Hua, LI Mao-Qing, "Simulation Framework of Scheduling Re-entrant Lines Based on Neuro-Dynamic Programming", Information and Control, Vol 2, 2007.
- (6) ZHANG Yan, LIU Tun-Dong, LI Mao-Qing, "Decision Tree Algorithm Based on the Information Theory", Techniques of Automation and Applications, Jan. 2006.
- (7) CAI Jian-Huai, WU Shun-Xiang, MIAO Ke-Hua, LI Mao-Qing, "A Formation Strategy Based on Neural Network in Robocup", Journal of System Simulation, Jan. 2006.(EI Compendex)
- (9) CAI Li-Ping, LI Mao-Qing, WANG Ying, "Realization of Web Based Control Laboratory Simulation Module Based on Matlab Web Server", Journal of Xiamen University (Natural Science), Aug. 2005.
- (9) WANG Ying, MIAO Ke-Hua, LI Mao-Qing, "Modeling of Electric Resistance Furnace in a Remote Simulation and Control Laboratory", Journal of Xiamen University(Natural Science), Aug. 2005.
- (10) Wei Xu, Maoqing Li, Shunxiang Wu, Shunzhi Zhu, "Incremental data feed maintenance of a data warehouse system derived from multiple autonomous data sources", IEEE proceeding of ICCA2005, Aug. 2005. (EI, ISTP Compendex)
- (11) Wu S.X., Li M.Q., Cai L.P., Liu S.F., "A Comparative Study of Some Uncertain Information Theories", IEEE Proc. of ICCA2005. (EI, ISTP Compendex)
- (12) Ying Wang, Shunzhi Zhu, Maoqing Li, Kehua Miao, Wei Xu, "Frequency Domain Identification for Active Vibration Control of Flexible Structures", IEEE proceedings of ICCA2005, Aug. 2005. (EI, ISTP Compendex)
- (13) Shunzhi Zhu, Ying Wang, Wei Xu, Kehua Miao and Maoqing Li, "Optimization Design and Application of Water-supplied Networks with Multiple Water-sources Based on FreeMap", IEEE proceedings of ICCA2005, Aug. 2005. (EI, ISTP Compendex)
- (14) XIN Feng-Ling, LI Mao-Qing, "Decision Tree Constructing System Based on Design Patterns", Journal of Xiamen University (Natural Science), Jan. 2005.
- (15) Shunxiang Wu, Wenting Huang, Xiaosheng Wang, Jiande Gu, Maoqing Li, Shifeng Liu, "A Method of Rapid Generation of A Production System Based on SQL Database", Journal of Systems Science and Information, Mar. 2004.

Monographs :

- (1) National Computer Rank Examination Grade 2 Visual FoxPro Tutorial, Xiamen University Press, 2002.04
- (2) National Computer Rank Examination Grade 1 Tutorial, Xiamen University Press, 2002.04
- (3) Chongyang Li, Maoqing Li, Paradigm for Complexity of Soft Science Researching, Xiamen University Press, 2009
- (4) Modern Mathematical Tools – MATHCAD, 2005.12, China Colleges and Universities Contest

of Computer Courseware, 2nd Prize

(5) Strategy Research of National Computer Rank Examination in Fujian Province, 2004.04,
Science and Technology Progress Award of Xiamen Municipal Science and Technology Agency,
3rd Prize