



He Ni

Curriculum Vitae

Research Interests

- Machine Learning
- Self-Organizing Map
- Capital Market
- Behavioral Finance

Education

- 2004–2008 **Ph.D**, *The University of Manchester*, Electrical and Electronic Engineering, Manchester, UK.
- 2002–2003 **M.Sc**, *Sheffield University*, Control and Systems Engineering, Sheffield, UK.
- 1997–2001 **B.Eng**, *Xidian University*, Automatic Control, Xi'an, PRC.

Work Experience

- 2016–present **Deputy Head of School**, *International Business School, Zhejiang Gongshang University*, HangZhou.
- 2014–present **Professor**, *School of Finance, Zhejiang Gongshang University*, HangZhou.
- 2009–2014 **Associate Professor, Head of Department of Investment**, *School of Finance, Zhejiang Gongshang University*, HangZhou.
- 2008–2009 **Assistant Professor**, *School of Finance, Zhejiang Gongshang University*, HangZhou.

Selected Publications

Journals

- **He Ni**, Tianhong Luan, Yu Cao, Donald Finlay, *Can venture capital trigger innovation? New evidence from China*, INTERNATIONAL JOURNAL OF TECHNOLOGY MANAGEMENT 2014 (65): 189-214.
- Yongqiao Wang, **He Ni** *Multiple-v support vector regression based on spectral risk measure minimization*, NEUROCOMPUTING 2013 (101): 217-228.
- **He Ni**, *Stock index tracking by Pareto efficient genetic algorithm*, APPLIED SOFT COMPUTING 2013 (13): 4519-4535.
- **He Ni**, *Heuristic genetic algorithm for optimizing an index tracking portfolio*, SYSTEMS ENGINEERING THEORY AND PRACTICE 2013 (33): 2645-2653.

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- Yongqiao Wang, **He Ni** *Multivariate convex support vector regression with semidefinite programming*, KNOWLEDGE BASED SYSTEM 2012 (30): 87-94.
- Yongqiao Wang, **He Ni** *Nonparametric bivariate copula estimation based on shape-restricted support vector regression*, KNOWLEDGE BASED SYSTEM 2012 (35): 235-244.
- **He Ni**, *Exchange Rate Volatility Prediction By An Extended Self-Organizing Mixture Model*, JOURNAL OF CONTROL THEORY AND APPLICATIONS 2010 (27): 444-450.
- **He Ni**, Hujun Yin, *Exchange rate prediction using a hybrid neural networks and trading indicators*, NEUROCOMPUTING 2009 (72): 2815-2823.
- **He Ni**, Hujun Yin, *A Self-Organising Mixture Autoregressive Network for FX Time Series Modelling and Prediction*, NEUROCOMPUTING 2009 (72): 3529-3537.
- **He Ni**, Hujun Yin, *Self-organising mixture autoregressive model for non-stationary time series modelling*, INTERNATIONAL JOURNAL OF NEURAL SYSTEMS 2008 (18): 1-12.
- **He Ni**, Hujun Yin, *Recurrent Self-Organising Maps and Local Support Vector Machine Models for Exchange Rate Prediction*, LECTURE NOTES IN COMPUTER SCIENCE 2006 (3973): 504-511.

Conference Proceedings

- **He Ni**, *Consumer Credit Risk Evaluation by Logistic Regression with Self-Organizing Map*, PROCEEDS ON INTERNATIONAL CONFERENCE ON NATURAL COMPUTATION (2010): 205-249.
- **He Ni**, *Profitability of technical chart pattern trading on FX rates: Analyzed by wavelet transform*, PROCEEDINGS OF THE 3RD INTERNATIONAL CONFERENCE ON INTELLIGENT INFORMATION TECHNOLOGY APPLICATION (2009): 138-141.
- **He Ni**, *A Fast Self-Organizing Map Algorithm by Using Genetic Selection*, PROCEEDINGS OF THE 3RD INTERNATIONAL CONFERENCE ON INTELLIGENT INFORMATION TECHNOLOGY APPLICATION (2009):142-145.
- **He Ni**, *Topology regressive distributed model for financial time series prediction*, PROCEEDINGS OF THE 5TH INTERNATIONAL CONFERENCE ON NATURAL COMPUTATION (2009): 463-467.
- Hujun Yin, **He Ni**, *Generalized Self-Organizing Mixture Autoregressive Model for Modeling Financial Time Series*, 19TH INTERNATIONAL CONFERENCE ON ARTIFICIAL NEURAL NETWORKS, LECTURE NOTES IN COMPUTER SCIENCE (2009): 577-586.
- Hujun Yin, **He Ni**, *Generalized Self-Organizing Mixture Autoregressive Model*, 7TH INTERNATIONAL WORKSHOP ON SELF-ORGANIZING MAPS, FLORIDA, U.S., LECTURE NOTES IN COMPUTER SCIENCE (2009):353-361.
- **He Ni**, Hujun Yin, *Time-Series Prediction Using Self-Organising Mixture Autoregressive Network*, INTELLIGENT DATA ENGINEERING AND AUTOMATED LEARNING 8TH INTERNATIONAL CONFERENCE, BIRMINGHAM, UK, LECTURE NOTES IN COMPUTER SCIENCE (2007): 1000-1009.

Books

- Xia Fang, Meiyun Jiang, **He Ni**, *Commodity Futures Price, CPI and Investor Psychology*, CHINA ECONOMIC PRESS (2013) ISBN: 978-7-5136-2574-6.

Research Grants

Leader/Leading investigator

- **University Humanity and Social Science Research Base Fund, (RMB 20K)** 2015-2016.
- **National Natural Science Foundation of China, (RMB 200K)** 2011-2014.
- **Zhejiang Provincial Humanity and Social Science Fund, (RMB 40K)** 2011-2013.
- **Minister of Education Doctorial Fund, (RMB 80K)** 2009-2011.
- **British Council PMII, (RMB 230K)** 2009-2011.
- **Start-up Fund for Returned Overseas Scholar, (RMB 50K)** 2011.06-2014.12.

Language

- Mother Language (Chinese)
- English Level (Fluent)