

## 邹锋个人简历



姓 名：邹锋

学 位：工学博士

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研究方向：智能计算

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### 1、个人简介：

邹锋，博士，副教授、硕士生导师。1998年至2002年就读于湖北民族学院理学院物理学专业，获理学学士学位，2004年9月至2007年6月，在五邑大学信息学院交通信息工程及控制专业学习，获工学硕士学位，2011年9月至2015年1月，在西安理工大学自动化学院控制理论与控制工程专业学习，获工学博士学位。2017年9月至2018年6月在同济大学做访问学者。主要从事进化计算、人工智能、多目标优化、动态环境下的优化等研究工作。以第一作者与通讯作者身份发表的科研论文20余篇，其中SCI/EI收录20余篇。

### 2、承担的科研项目：

主持国家自然科学基金青年基金项目1项、安徽省自然科学基金面上项目1项、安徽省高校自然科学基金项目1项、安徽省优秀青年人才基金项目1项，参加项目有国家自然科学基金项目3项、安徽省自然科学基金项目2项等。

1) 安徽省自然科学基金面上项目：离散教学多目标优化及在个性化推荐中的应用研究；批准号：1708085MF140；起止年月2017.7—2019.6。（主持）

2) 安徽省高校自然科学研究重点项目：教学演化聚类算法及其应用研究；批准号：KJ2016A639；起止年月2016.1—2018.12。（主持）

3) 国家自然科学基金青年项目：协同教学优化算法及其应用研究；批准号：61304082；起止年月2014.1—2016.12。（主持）

4) 安徽省优秀青年人才基金项目：基于人工生物网络的多目标优化问题研究；批准号：2010SQRL081；起止年月2010.1—2011.4。（主持）

### 3、承担的教研项目：

安徽省高等学校省级教学研究项目--卓越计划模式下数字信号处理课程教学改革的探索和实践(2016jyxm0929)

淮北师范大学校级质量工程项目校级教学研究重点项目--卓越计划模式下数字信号处理课程教学改革的探索和实践(jy2016110)

#### 4、科研成果

已发表的智能计算、多目标优化及其应用方面的著作有：

- [1] **Feng Zou(邹锋)**, Debao Chen\*, Renquan Lu, Suwen Li, Lehui Wu. Teaching-learning-based optimization with differential and repulsion learning for global optimization and nonlinear modeling, *Soft Computing*, 2017, DOI:10.1007/s00500-017-2722-4 (SCI3区)
- [2] **Feng Zou**, Debao Chen\*, Renquan Lu. Hybrid Hierarchical Backtracking Search Optimization Algorithm and Its Application. *Arabian Journal for Science & Engineering*, 2018, 43(2): 993-1014. (SCI4区)
- [3] Lehui Wu, **Feng Zou\***, Debao Chen. Discrete Teaching-learning-based optimization Algorithm for Traveling Salesman Problem. *MATEC Web of Conferences*, 2017, 128, 02022. (EI)
- [4] **Feng Zou**, Debao Chen\*, Suwen Li, et al. Community detection in complex networks: Multi-objective discrete backtracking search optimization algorithm with decomposition. *Applied Soft Computing*, 2017, 53:285-295. (SCI2区)
- [5] **Feng Zou**, Debao Chen\*, Renquan Lu, et al. Hierarchical multi-swarm cooperative teaching-learning-based optimization for global optimization. *Soft Computing*. 2017, 21(23): 6983-7004 (SCI3区)
- [6] Debao Chen, **Feng Zou\***, Renquan Lu, et al. Multiobjective discrete teaching-learning-based optimization based on decomposition for community detection. *Information Sciences*. 2016, 369: 402-418. (SCI2区)
- [7] Debao Chen, **Feng Zou\***, Jiangtao Wang, et al. SAMCCTLBO: a multi-class cooperative teaching-learning-based optimization algorithm with simulated annealing. *Soft Computing*, 2016, 20(5):1921-1943. (SCI3区)
- [8] **Feng Zou**, Debao Chen, Jiangtao Wang. An Improved Teaching-Learning-Based Optimization with the Social Character of PSO for Global Optimization. *Computational Intelligence and Neuroscience*, Vol. 2016, Article ID 4561507, 1-10 (SCI4区)
- [9] **Feng Zou**, Lei Wang\*, Xinhong Hei, Debao Chen. Teaching-learning-based optimization with learning experience of other learners and its application. *Applied Soft Computing*, 2015, 37: 725-736. (SCI2区)
- [10] **Feng Zou**, Lei Wang\*, Debao Chen, Xinhong Hei. An Improved Teaching-Learning-Based

Optimization with Differential Learning and Its Application. Mathematical Problems in Engineering, Volume 2015, Article ID 754562, 19 pages. (SCI4区)

- [11] **Feng Zou**, Lei Wang\*, Xinhong Hei, et al. Teaching-learning-based optimization with dynamic group strategy for global optimization. Information Sciences, 2014, 273, 112-131. (SCI2区)
- [12] Lei Wang, **Feng Zou**\*, Xinhong Hei, et al. A hybridization of teaching-learning-based optimization and differential evolution for chaotic time series prediction. Neural Computing and Applications, 2014, 25(6): 1407-1422. (SCI3区)
- [13] Lei Wang, **Feng Zou**\*, Dongdong Yang, et al. An improved teaching-learning-based optimization with neighborhood search for applications of ANN. Neurocomputing, 2014, 143, 231-247. (SCI3区)
- [14] **Feng Zou**, Lei Wang\*, Xinhong Hei, et al. Bare bones teaching-learning-based optimization. Scientific World Journal, Volume 2014, Article ID 136920, 17 pages. (SCI3区)
- [15] **Feng Zou**, Lei Wang\*, Xinhong Hei, et al. Multi-objective optimization using teaching-learning-based optimization algorithm. Engineering Applications of Artificial Intelligence, 2013, 26(4): 1291-1300. (SCI3区)
- [16] **Feng Zou**, Lei Wang\*, Xinhong Hei, Qiaoyong Jiang, and Dongdong Yang. Teaching-Learning-Based Optimization Algorithm in Dynamic Environments //Swarm, Evolutionary, and Memetic Computing. Springer International Publishing, Lecture Notes in Computer Science, Volume 8297, 2013: 389-400. (EI)
- [17] **邹锋**, 陈得宝. 一种人工内分泌多目标微粒群方法. 计算机工程与应用, 2011, 47(4):50-52
- [18] **邹锋**, 陈得宝, 王江涛. 基于不可行度和内分泌原理的多目标粒子群方法. 计算机应用, 2010, 30(7):1885-1888.
- [19] Debao Chen, **Feng Zou**\*, J. T. Wang. A multi-objective endocrine PSO algorithm and application. Applied Soft Computing, 2011, 11(8): 4508-4520 (SCI2 区)
- [20] Debao Chen, **Feng Zou**, Renquan Lu, et al. Learning Backtracking Search Optimisation Algorithm and Its Application. Information Sciences, 2017, 376, 71-94. (SCI2 区)
- [21] Debao Chen, **Feng Zou**, Zheng Li, Jiangtao Wang, Suwen Li, An improved teaching-learning-based optimization algorithm for solving global optimization problem, Information Sciences, 2015,297:171-190 (SCI2区)
- [22] Debao Chen, **Feng Zou**, Jiangtao Wang,Wujie Yuan. A teaching-learning-based optimization algorithm with producer-scrounger model for global optimization. soft computing, 2015, 19(3):745-763 (SCI3 区)
- [23] Debao Chen, Jing Chen, Hao Jiang, **Feng Zou**,Tundong Liu. An Improved PSO Algorithm Based on Particle Exploration for Function Optimization and the Modeling of Chaotic Systems, Soft computing, 2015, 19(11): 3071-3081 (SCI3 区)

- [24] Debao Chen, Jiangtao Wang, **Feng Zou**, Wujie Yuan, Weibo Hou. Time series prediction with improved neuro-endocrine model. *Neural Computing & Applications*, 2014, 24(6): 1465-1475 (SCI3 区)
- [25] Debao Chen, Jiangtao Wang, **Feng Zou**, Haofeng Zhang, Weibo Hou. Linguistic fuzzy model identification based on PSO with different length of particles. *Applied Soft Computing*, 2012, 12(11): 3390-3400 (SCI2 区)
- [26] Debao Chen, Jiangtao Wang, **Feng Zou**, W. B. Hou, C. X. Zhao. An improved group search optimizer with operation of quantum-behaved swarm and its application. *Applied Soft Computing*, 2012,12(1):712-725 (SCI2 区)
- [27] Chen Debao, **Zou Feng**. A Multi-objective Endocrine PSO Algorithm. The first international conference on information science and engineering, 2009, 12, NanJing China (EI)

## 5、获奖：

- 1) 陕西省优秀博士学位论文：《教学优化算法若干改进及其应用研究》，2017年12月。
- 2) 安徽省自然科学优秀学术论文：An improved group search optimizer with operation of quantum-behaved swarm and its application（陈得宝、邹锋、王江涛）三等奖，2016年1月。
- 3) 安徽省教学成果奖一等奖，排名第六，2015年11月。
- 4) 淮北师范大学教学成果奖特等奖，排名第六，2015年10月。