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刘凌锋 副教授



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个人简介

刘凌锋, 男, 本科毕业于华中科技大学应用数学专业, 硕士毕业于华中科技大学应用数学专业(硕博连读), 博士毕业于华中科技大学信息安全专业。现任南昌大学软件学院教师, 副教授, 赣江青年学者, 中国密码学会会员。主要从事的科研领域包括混沌密码学、光混沌保密通信、信息理论、控制论、图像加密等。主持国家自然科学基金2项, 江西省教育厅科学研究项目1项, 参与包括 “十一五” 国家密码基金, “十一五” 国家863计划, 总参预研基金项目, “十二五” 国家密码基金, 国家自然科学基金, 江西省自然科学基金在内的多项国家级、省部级课题。在混沌保密通信领域共发表高水平学术论文30余篇, 其中SCI收录20余篇。参与“十二五” 国家重点出版物出版规划项目专著《混沌保密通信学》的编著, 获“2013年度国家科学技术学术著作出版基金” 资助。担任《Computer Physics Communications》、《IEEE Transaction on Circuits and Systems for Video Technology》、《Entropy》、《ELEKTRONIKA IR ELEKTROTECHNIKA》、《LIFE SCIENCE JOURNAL》、《COMPEL》、IET系列期刊等高水平SCI期刊评审人。

科研成果

主持项目:

- 1、国家自然科学基金, 61601215, 安全激光混沌源的设计及其复杂光网的鲁棒同步控制研究, 2017.01—2019.12, 21万元, 在研, 主持。
- 2、国家自然科学基金, 61862042, 有限域上混沌系统动力学特性改进及其混沌密码技术的安全性理论评价体系研究, 2019.01—2022.12, 37万元, 在研, 主持。
- 3、江西省教育厅科学技术研究项目, GJJ150104, 复杂激光混沌源的设计及其安全性评价, 2016.01—2018.12, 2万元, 在研, 主持。

发表论文:

- (1) Lingfeng Liu*, Suoxia Miao, Delay-introducing method to improve the dynamical degradation of a digital chaotic map, *Information Sciences*, 2017, 396, 1-13. (SCI)
- (2) Lingfeng Liu*, Suoxia Miao, Bocheng Liu, A double perturbation method to improve the dynamical degradation of digital baker map, *International Journal of Bifurcation and Chaos*, 2017, 27(7), 1750103. (SCI)
- (3) Lingfeng Liu*, Jun Lin, Suoxia Miao, Bubbling effect in the electro-optic delayed feedback oscillator coupled network, *Optics Communications*, 2017, 387, 310-315. (SCI)
- (4) Lingfeng Liu*, Suoxia Miao, An image encryption algorithm based on Baker map with varying parameter, *Multimed. Tools & Appl.*, 2017, 76(15), 16511-16527. (SCI)
- (5) Lingfeng Liu*, Suoxia Miao, Mengfan Cheng, Xiaojing Gao, Two-dimensional coupled electro-optic delayed feedback system with varying parameters, *Journal of Modern Optics*, 2017, 64(6), 547-554. (SCI)
- (6) Lingfeng Liu*, Ming Luo, Two-dimensional coupled electro-optic delayed feedback oscillator with complexity improvement and time delay concealment, *Results in Physics*, 2017, 7, 4123 - 4129.
- (7) Lingfeng Liu*, Shidi Hao, Jun Lin, Ze Wang, Xinyi Hu, Suoxia Miao, Image block encryption algorithm based on chaotic maps, *IET Signal Processing*, 2017, doi: 10.1049/iet-spr.2016.0584.
- (8) Lingfeng Liu*, Suoxia, Miao, Mengfan Cheng, Xiaojing Gao, Improving the security of optoelectronic delayed feedback system by parameter modulation and system coupling, *Optical Engineering*, 2016, 55(2), 026101. (SCI)
- (9) Lingfeng Liu*, Suoxia Miao, Mengfan Cheng, Xiaojing Gao, A new switching parameter varying optoelectronic delayed feedback model with computer simulation, *Scientific reports*, 2016, 6, 22295. (SCI)
- (10) Lingfeng Liu, Suoxia Miao, Hanping Hu*, Yashuang Deng, Pseudorandom bit generator based on non-stationary logistic maps, *IET Information Security*, 2016, 10(2), 87-94. (SCI)
- (11) Lingfeng Liu*, Suoxia Miao, Mengfan Cheng, Xiaojing Gao, A pseudorandom bit generator based on new multi-delayed Chebyshev map [J], *Information Processing Letters*, 2016, 116(11), 674-681. (SCI)
- (12) Lingfeng Liu*, Suoxia Miao, A new image encryption algorithm based on logistic chaotic map with varying parameter [J], *SpringerPlus*, 2016, 5(1), 289. (SCI)

- (13) Lingfeng Liu*, Suoxia Miao, Hanping Hu, Mengfan Cheng, N-phase Logistic chaotic sequence and its application for image encryption, IET Signal Processing, 2016, 10(9), 1096–1104. (SCI)
- (14) Lingfeng Liu*, Suoxia Miao, Bocheng Liu, On nonlinear complexity and Shannon's entropy of finite length random sequences, Entropy, 2015, 17, 1936–1945. (SCI)
- (15) Lingfeng Liu*, Suoxia Miao, Mengfan Cheng, Xiaojing Gao, Permutation entropy for random binary sequences, Entropy, 2015, 17, 8207–8216. (SCI)
- (16) Lingfeng Liu*, Suoxia Miao, The complexity of binary sequences using logistic chaotic maps, Complexity, 2016, 21(6), 121–129. (SCI)
- (17) LingFeng Liu, HanPing Hu*, YaShuang Deng, An analog–digital mixed method for solving the dynamical degradation of digital chaotic systems, IMA Journal of Mathematical Control and Information, 2015, 32(4), 703–715. (SCI)
- (18) Lingfeng Liu*, Suoxia Miao, A universal method for improving the dynamical degradation of a digital chaotic system, Physica Scripta, 2015, 90, 085205. (SCI)
- (19) Lingfeng Liu, Suoxia Miao, Hanping Hu*, Yashuang Deng, On the Eigenvalue and Shannon's Entropy of Finite Length Random Sequences, Complexity, 2015, 21(2), 154–161. (SCI)
- (20) 刘凌峰*, 妙锁霞, 耦合时滞光电反馈系统的同步研究, 光电子激光, 2015, 26(1): 86–90. (EI)
- (21) LingFeng Liu, HanPing Hu*, YaShuang Deng, NaiDa Ding, An entropy measure of non-stationary process, Entropy, 2014, 16, 1493–1500. (SCI)
- (22) Liu Lingfeng*, Miao Suoxia, Synchronization on finite precision devices, The Open Automation and Control Systems Journal, 2014, 6, 583–587. (EI)
- (23) Hanping Hu, Wei Su, Lingfeng Liu*, Zhiliang Yu. Electro-optic intensity chaotic system with varying parameters. Physics Letters A, 2014, 378: 184–190. (SCI)
- (24) HanPing Hu, LingFeng Liu*, NaiDa Ding, Pseudorandom sequence generator based on the Chen chaotic system, Computer Physics Communications, 2013, 184, 765–768. (SCI)

友情链接

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