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个人简历: 李明, 男, 1981年6月, 中共党员, 副教授, 博士, 硕士生导师。2002年7月毕业于河南工学院计算机专业。2007年9月-2010年7月, 在河南师范大学教育技术专业攻读硕士研究生, 获理学硕士学位。2011年9月-2014年6月, 在重庆大学计算机科学与技术专业攻读博士研究生, 获工学博士学位。2014年7月至今, 在河南师范大学计算机与信息工程学院从事教学与科研工作。2015年11月至今, 同时在北京航空航天大学自动化科学与电气工程学院从事博士后科学研究工作。

社会兼职: 中国密码学会会员。

研究方向: 图像安全、信息隐藏、密码分析等。

科研成果与奖励:

1. Reversible data hiding in encrypted images using cross division and additive homomorphism, 河南省人力资源和社会保障厅, 河南省科学技术协会, 河南省第四届自然科学学术奖——河南省自然科学优秀学术论文一等奖, 2018年1月。
2. 第八届蓝桥杯全国软件和信息技术专业人才大赛河南省赛及全国总决赛优秀指导教师, 2017年5月。
3. 翻转课堂在大学计算机课程中的应用, 河南省教育厅, 河南省信息技术教育优秀成果二等奖, 2016年8月。
4. 网络学习空间应用研究——以《Unix/Linux系统编程》课程为例, 河南省教育厅, 河南省信息技术教育优秀成果二等奖, 2016年8月。
5. Cryptanalysis and improvement of a binary watermark-based copyright protection scheme for remote sensing images, 河南省人力资源和社会保障厅, 河南省科学技术协会, 河南省第三届自然科学学术奖——河南省自然科学优秀学术论文二等奖, 2015年12月。

在研项目:

1. 国家自然科学基金青年科学基金项目, 61602158、基于同态加密的密文图像可逆信息隐藏研究、2017/01-2019/12、17万元、在研、主持
2. 中国博士后科学基金面上资助1等资助项目, 2016M600030、基于直方图移位的密文图像可逆信息隐藏研究、2016/10-2018/9、8万元、在研、主持
3. 河南省科技攻关项目, 182102210374、基于“Permutation-Substitution”结构的图像混沌加密密码分析、2018/01-2019/12、0万元、在研、主持
4. 河南师范大学优秀青年科学基金项目, YQ201607、图像密文域直方图移位技术研究、2017/06-2020/06、15万元、在研、主持

论文著作:

1. **Ming Li**, Haiju Fan, Yong Xiang, Yang Li, Yushu Zhang*. Cryptanalysis and improvement of a chaotic image encryption by first-order time-delay system (<http://ieeexplore.ieee.org/document/8259437/>). IEEE MultiMedia. In Press.(SCI)
2. Haiju Fan, **Ming Li**, Dong Liu, Kang An*. Cryptanalysis of a plaintext-related chaotic RGB image encryption scheme using total plain image characteristics (<https://link.springer.com/article/10.1007/s11042-017-5437-8>).
3. **Ming Li**, Yuzhu Guo, Jie Huang, Yang Li*. Cryptanalysis of a chaotic image encryption scheme based on permutation-diffusion structure (<https://www.sciencedirect.com/science/article/pii/S0923596518300171>). Signal Processing: Image Communication. Mar. 2018,62,164-172.(SCI)
4. **Ming Li**, Haiju Fan, Hua Ren, Dandan Lu, Di Xiao, Yang Li*. Meaningful Image Encryption Based on Reversible Data Hiding in Correlation (<https://www.hindawi.com/journals/scn/2018/9803519/>). Security and Communication Networks. Feb. 2018,9803519,1-12.(SCI)
5. Haiju Fan, **Ming Li***, Dong Liu, En Zhang. Cryptanalysis of a colour image encryption using chaotic APFM nonlinear adaptive filter (<http://www.sciencedirect.com/science/article/pii/S0165168417303018>). Signal Processing. Feb. 2018,143,28-41.(SCI)
6. En Zhang*, Jie Peng, **Ming Li**. Outsourcing secret sharing scheme based on homomorphism encryption (<http://digital-library.theiet.org/content/journals/10.1049/iet-ifs.2017.0026>). IET Information Security. Jan. 2018,12(1),94-99.(SCI)
7. Yuqiang Dou, Xiumin Liu, Haiju Fan, **Ming Li***. Cryptanalysis of a DNA and chaos based image encryption algorithm (<http://www.sciencedirect.com/science/article/pii/S0030402617309439>). Optik. Sep. 2017,145,456-464.(SCI)
8. Haiju Fan, **Ming Li***, Wentao Mao. VQ-based compressive sensing with high compression quality (<http://digital-library.theiet.org/content/journals/10.1049/el.2017.1321>). Electronics Letters. Aug. 2017,53(17),1196-1198.(SCI)
9. Haiju Fan, **Ming Li***. Cryptanalysis and Improvement of Chaos-Based Image Encryption Scheme with Circular Inter-Intra-Pixels Bit-Level Permutation (<https://www.hindawi.com/journals/mpe/2017/8124912/>). Mathematical Problems in Engineering. Jul. 2017,8124912,1-11.(SCI)
10. Wenyang Wen, Yushu Zhang*, Moting Su, Rui Zhang, Junxin Chen, **Ming Li**. Differential attack on a hyper-chaos-based image cryptosystem with a classic bi-modular architecture

(<http://link.springer.com/article/10.1007/s11071-016-3049-x>). Nonlinear Dynamics. Jan. 2017,87(1),383-390.(SCI)

11. Ming Li, Yang Li*. Histogram shifting in encrypted images with public key cryptosystem for reversible data hiding (<http://www.sciencedirect.com/science/article/pii/S0165168416301530>). Signal Processing. Jan. 2017,130,190-196. (SCI)

12. Ming Li*, Shangwang Liu, Liping Niu, Hong Liu. Cryptanalyzing a chaotic encryption algorithm for highly autocorrelated data (<http://www.sciencedirect.com/science/article/pii/S0030399216300998>). Optics and Laser Technology. Dec. 2016,86,33-38. (SCI)

13. Ming Li, Di Xiao*, Hong Liu, Sen Bai. A recoverable chaos-based fragile watermarking with high PSNR preservation (<http://onlinelibrary.wiley.com/doi/10.1002/sec.1504/abstract>). Security and Communication Networks. Jul. 2016,9,2371-2386.(SCI)

14. Ming Li*, Di Xiao, Yushu Zhang. Attack and improvement of the fidelity preserved fragile watermarking of digital images (<http://link.springer.com/article/10.1007/s13369-015-1941-1>

1). Arabian Journal for Science and Engineering. Mar. 2016,41(3),941-950.(SCI)

15. Ming Li, Di Xiao*, Yushu Zhang. Reversible data hiding in block compressed sensing images (<http://onlinelibrary.wiley.com/doi/10.4218/etrij.16.0114.0242/abstract>). ETRI Journal. Feb. 2016,38(1),159-163. (SCI)

16. Ming Li*, Di Xiao, Yushu Zhang, Hai Nan. Reversible data hiding in encrypted images using cross division and additive homomorphism (<http://www.sciencedirect.com/science/article/pii/S0923596515001666>). Signal Processing: Image Communication. Nov. 2015,39,234-248. (SCI)

17. Ming Li*, Di Xiao, Ayesha Kulsoom, Yushu Zhang. Improved reversible data hiding for encrypted images using full embedding strategy (<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=7095756&newsearch=true&queryText=Improved%20reversible%20data%20hiding%20for%20encrypted%20images%20using%20full%20embedding%20strategy%20>). Electronics Letters. 2015,51(12),691. (SCI)

18. Hai Nan, Bin Fang*, Weibin Yang, Jiye Qian, **Ming Li**, Yi Liu, Yushu Zhang. Cryptanalysis and improvement of the robust and blind watermarking scheme based on chaotic system (<http://www.hindawi.com/journals/mpe/2015/526174/>). Mathematical Problems in Engineering. 2015,526174,1-10. (SCI)

19. Ming Li*, Jinhua Zhang, Wenying Wen. Cryptanalysis and improvement of a binary watermark-based copyright protection scheme for remote sensing images (<http://www.sciencedirect.com/science/article/pii/S0030402614011541>). Optik. Dec. 2014,125(24),7231-7234. (SCI)

20. Yushu Zhang, Di Xiao*, Wenying Wen, **Ming Li**. Cryptanalyzing a novel image cipher based on mixed transformed logistic maps (<http://link.springer.com/article/10.1007/s11042-013-1684-5>

5). Multimedia Tools and Applications. Dec. 2014,73(3),1885-1896. (SCI)

21. Ming Li, Di Xiao*, Yushu Zhang, Hong Liu. Attack and improvement of the joint fingerprinting and decryption method for vector images (<http://www.sciencedirect.com/science/article/pii/S0165168413004994>). Signal Processing. Jun. 2014,99,17-28. (SCI)

22. Yushu Zhang, Di Xiao*, Wenying Wen, **Ming Li**. Breaking an image encryption algorithm based on hyper-chaotic system with only one round diffusion process (<http://link.springer.com/article/10.1007/s11071-014-1235-2>

2). Nonlinear Dynamics. May. 2014,76(3),1645-1650. (SCI)

23. Ming Li, Di Xiao*, Zhongxian Peng, Hai Nan. A modified reversible data hiding in encrypted images using random diffusion and chaotic system (<http://onlinelibrary.wiley.com/doi/10.4218/etrij.14.0213.0449/abstract>). ETRI Journal. Apr. 2014,36(2),325-328. (SCI)

24. Yushu Zhang*, Wenying Wen, Moting Su, **Ming Li**. Cryptanalyzing a novel image fusion encryption algorithm based on DNA sequence and chaotic system (<http://www.sciencedirect.com/science/article/pii/S0030402613012527>). Optik. Feb. 2014,125(4),1562-1564. (SCI)

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