- Chao Peng, Lei Yang, Xiaomin Jiang, Yue Song and Sha Zou. A Simple Ship Radiated Noise Model and Its Application in Weak Signal Detection Based on Higher Order Cumulant
- 2. Zhuojun Zhuang, Bin Dai, Keke Zhang, Zhen Jing, Jia Huang and Hao Zhu. On Asymptotic Analysis of Relative Generalized Hamming Weight
- 3. Shibsankar Das, Udaya Parampalli, Sudhan Majhi and Zilong Liu. An Introduction to Z-Paraunitary Matrices
- 4. Linman Yu, Zhuojun Zhuang, Zheng Ma and Bin Dai. Two Lower Bounds on the Secrecy Capacity of the Action-dependent Dirty Paper Wiretap Channel
- 5. Wang, Li, Liu and Lv. New construction of quantum BCH Codes
- 6. Yubo Li, Chengqian Xu and Xiuping Peng. More Quasi-Complementary Sequence Sets from Difference Sets and Almost Difference Sets
- 7. Shangyao Huang, Hanxu Hou and Xiangshou Yu. A Lower Bound on Disk Reads for Single Information Disk Failure Recovery and One Recovery Scheme for EVENODD(p, 3)
- 8. Yajing Zhou, Zhengchun Zhou and Yang Yang. 4^q-QAM Complementary Sequence Sets with Non-Power-of-Two Length
- 9. Yong Wang, Tinghua Hu, Yang Yang and Zhengchun Zhou. Large Zero Correlation Zones of Golay Complementary Sets
- 10. Yuri Borissov and Miroslav Markov. An Approach for Computing the Number of Points on Elliptic Curve $y^2 = x^3 + a \pmod{p}$ via Explicit Formula for That Number Modulo p
- 11. Mingxing Zhang, Zhengchun Zhou, Yang Yang and Haode Yan. Optimization Method for Designing Sequences With Low Partial-period Correlation Sidelobes
- 12. Peihua Li, Cuiling Fan and Yang Yang. New Bounds on the Partial Hamming Correlation of Wide-Gap Frequency-Hopping Sequence Sets
- 13. Hongyu Han, Limengnan Zhou and Xing Liu. New Construction for Low Hit Zone Frequency Hopping Sequence Sets with Optimal Partial Hamming Correlation
- 14. R S Raja Durai and Ashwini Kumar. Multiple-Rate Error-Correcting Codes in $\text{CGF}(p^{n^{2}})$
- 15. Zhi Gu, Yang Yang and Zhengchun Zhou. New Sets of Even-Length Binary Z-Complementary Pairs
- 16. Jerod Michel and Qi Wang. Placement Delivery Arrays from Combinations of Strong Edge Colorings
- 17. Hao Song, Ruihu Li and Luobin Guo. Construction of Matrix-Product Codes and related New Quantum Codes
- 18. Sihem Mesnager and Ahmet Sınak. Strongly regular graphs from weakly regular plateaued functions
- 19. Jiahuan Wang, Pingzhi Fan, Zhengchun Zhou and Yang Yang. Doppler Resilient Sequences with Low Local Ambiguity Functions for Fully Polarimetric Radar Systems
- 20. Takeru Miyazaki, Shunsuke Araki, Kohei Kawase, Satoshi Uehara and Yasuyuki Nogami. Properties of Knuth's Quadratic Congruential Sequences with Modulus m=2^W p

- 21. Sota Eguchi, Takeru Miyazaki, Shunsuke Araki, Satoshi Uehara and Yasuyuki Nogami. Relations Between Evaluations of NIST tests and Lyapunov Exponents of Sequences Generated by the Piecewise Logistic Map over Integers
- 22. Inseon Kim and Hong-Yeop Song. A new class of parity-check concatenated polar codes using belief propagation decoding
- 23. Gangsan Kim, Min Hyung Lee and Hong-Yeop Song. Some notes on the binary sequences of length 2^n-1 with the run property
- 24. Nikolay Kaleyski. An Update on Known Invariants of Vectorial Boolean Functions
- 25. Zhao Zhang and Sheng Zhang. Robust Weight-Constraint Decorrelation Normalized Maximum Versoria Algorithm
- 26. Lanping Li, Xiaohu Tang and Chintha Tellambura. Deep Learning Based Modified Message Passing Algorithm for Sparse Code Multiple Access
- 27. Kangquan Li, Sihem Mesnager and Longjiang Qu. Further study of \$2\$-to-\$1\$ mappings over \$F_{2^n}\$
- 28. Bingsheng Shen, Yang Yang, Zhengchun Zhou and Yajing Zhou. New Constructions of Binary (Near) Complementary Sets
- 29. Sung Chul Byun, Hong-Yeop Song, Gangsan Kim and Won Jun Kim. A Construction of Non-binary Polar codes with 4 by 4 kernels
- 30. Zhi Jing, Gangsan Kim and Hong-Yeop Song. A concatenated binary locally repairable codes with locality 2 using puncturing
- 31. Huan Chen, Pingzhi Fan and Li Li. Active Users Detection Based on Deterministic Sequences for Massive Connectivity
- 32. Bing Liu, Zhengchun Zhou and Udaya Parampalli. A Tighter Correlation Lower Bound for Quasi-Complementary Sequence Sets with Low Correlation Zone
- 33. Jia-Jyun Wu, Chung-Hsuan Wang and Chi-Chao Chao. Decoding Scheduling for Unequal Error Protection Quasi-Cyclic Low-Density Parity-Check Codes
- 34. Chin Hei Chan and Maosheng Xiong. Random Matrices from Linear Codes and Wigner's Semicircle Law II
- 35. Mu Hang. Iterative Successive Cancellation List Decoding in Bit-interleaved Polar Coded Modulation System
- 36. Xina Zhang, Xiaoni Du, Rong Wang and Fujun Zhang. Weight Distributions of a Class of Linear Codes
- 37. Sian-Jheng Lin, Ziting Gao and Yunghsiang S. Han. Arithmetic Coding Based on Reflected Binary Codes
- 38. Xiuping Peng, Chengqian Xu and Yubo Li. Mismatched Binary Periodic Complementary Pairs with Period 3q
- 39. Pingzhi Yuan. Permutation Polynomials from two piecewise functions
- 40. Zhengbang Zha and Lei Hu. The Boomerang Uniformity of Power Permutations x^{2^k-1} over Der_2^n
- 41. Kenneth Shum and Hanxu Hou. Network Coding Based on Byte-wise Circular Shift and Integer Addition
- 42. Jinchen Bao, Rong Shi, Xuehua Wang, Chang Liu, Ke Deng and Jian Yan. Performance Analysis of Uplink Sparse Code Multiple Access in Rician Fading

- 43. Tetsuya Kojima. Some Properties of Hadamard-type Matrices on Finite Fields
- 44. Lei Deng. Convex Set of Doubly Substochastic Matrices
- 45. Qiaoling Zhang, Lei Zheng, Minquan Cheng and Qingchun Chen. The advantages of the Grouping Method for Repeat Requests in Coded Caching
- 46. Geyang Wang and Qi Wang. An OACF-Preserving Operation Based on Parker's Transformation