

# 《Sequences and Their 》

## 图书基本信息

书名：《Sequences and Their Applications - SETA 2004序列及其应用 - SETA 2004 /会议文集》

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### 内容概要

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- research monographs ( which may be based on outstanding PhD work , research projects , technical reports , etc. ) .

## 书籍目录

### Invited Papers

- A Survey of Some Recent Results on Bent Functions
- A Survey of the Merit Factor Problem for Binary Sequences
- A Survey of Feedback with Carry Shift Registers
- Univariate and Multivariate Merit Factors

### Complexity of Sequences I

- Discrete Fourier Transform, Joint Linear Complexity and Generalized Joint Linear Complexity of Multisequences
- Expected Value of the Linear Complexity of Two-Dimensional Binary Sequences
- Asymptotic Behavior of Normalized Linear Complexity of Multi-sequences
- A Unified View on Sequence Complexity Measures as Isometries

### Complexity of Sequences II

- One-Error Linear Complexity over  $F_p$  of Sidelnikov Sequences
- On the Generalized Lander-Paterson Algorithm and Profiles of the
- On the Computation of the Linear Complexity and the  $k$ -error Linear Complexity of Binary Sequences with

### Period a Power of Two

- On the 2-Adic Complexity and the  $k$ -Error 2-Adic Complexity of Periodic Binary Sequences

### Perfect Sequences

- Almost-Perfect and Odd-Perfect Ternary Sequences
- Cross-Correlation Properties of Perfect Binary Sequences

### Sequence Constructions

- New Sets of Binary and Ternary Sequences with Low Correlation
- Improved  $p$ -ary Codes and Sequence Families from Galois Rings
- Quadrphase Sequences Obtained from Binary Quadratic Form Sequences
- New Families of  $p$ -Ary Sequences from Quadratic Form with Low Correlation and Large Linear Span

### Sequences over $Z_m$

- On the Distribution of Some New Explicit Nonlinear Congruential Pseudorandom Numbers
- Distribution of  $r$ -Patterns in the Most Significant Bit of a Maximum Length Sequence over  $Z_2$ ,

### Sequence Generator Properties and Applications

### Optics and OFDM Applications

### Polynomials and Functions

### Author Index

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