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Nota di contenuto	Logic Operation Model of Complementer Based on Two-Domain DNA Strand Displacement -- TS-Preemption Threshold and Priority Optimization for the Process Scheduling in Integrated Modular Avionics -- An Apporach to the Bio-inspired Control of Self-Reconfiguralbe Robots.
Sommario/riassunto	This book constitutes the proceedings of the 12th International Conference on Bio-inspired Computing: Theories and Applications, BIC-TA 2017, held in Harbin, China, December 2017. The 50 full papers presented were selected from 143 submissions. The papers deal with studies abstracting computing ideas such as data structures, operations with data, ways to control operations, computing models from living phenomena or biological systems such as evolution, cells, tissues, neural networks, immune systems, and ant colonies.