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Nota di contenuto	Preface -- Program Committee -- Steering Committee -- Reviewers -- Best Paper Awards -- Wednesday, 8 June 2011 -- Improved Direct Product Theorems for Randomized Query Complexity -- Making Branching Programs Oblivious Requires Superlogarithmic Overhead -- Hardness of Max-2Lin and Max-3Lin over Integers, Reals, and Large Cyclic Groups -- Lower Bounds on Query Complexity for Testing Bounded-Degree CSPs -- Non-negatively Weighted #CSP: An Effective Complexity Dichotomy -- Symmetric LDPC Codes are not Necessarily Locally Testable -- Towards Lower Bounds on Locally Testable Codes via Density Arguments -- Linear-Algebraic List Decoding of Folded Reed-Solomon Codes -- Noisy Interpolation of Sparse Polynomials, and Applications -- Paris-Harrington Tautologies -- Relativized Separations of Worst-Case and Average-Case Complexities for NP -- Thursday, 9 June 2011 Non-uniform ACC Circuit Lower Bounds -- Improved Constructions of Three Source Extractors -- A New Approach to Affine Extractors and Dispersers -- Symmetry of Information and Bounds on Nonuniform Randomness Extraction via Kolmogorov Extractors -- Near-Optimal and Explicit Bell Inequality Violations -- Symmetry-Assisted Adversaries for Quantum State Generation -- Approximation Algorithms for QMA-Complete Problems -- Sevag Gharibian and Julia Kempe -- On Arthur Merlin Games in Communication Complexity -- On the Minimal Fourier Degree of Symmetric Boolean Functions -- Property Testing Lower Bounds via Communication Complexity -- Friday, 10 June 2011 Pseudorandomness for Permutation and Regular

Branching Programs -- Pseudorandom Generators for Combinatorial
Checkerboards -- Bounded-Depth Circuits Cannot Sample Good Codes
-- k -Independent Gaussians Fool Polynomial Threshold Functions --
Explicit Dimension Reduction and Its Applications -- Derandomizing
Polynomial Identity Testing for Multilinear Constant-Read Formulae --
Tensor Rank: Some Lower and Upper Bounds -- On the Sum of Square
Roots of Polynomials and Related Problems -- Linear Systems over
Finite Abelian Groups -- Author Index.
