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Disciplina	681
Soggetti	Wireless sensor networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Preface -- Organization -- Universally-Optimal Distributed Algorithms, (Congestion+Dilation)-Competitive Oblivious Routing, and Hop-Constrained Network Design (Abstract of Invited Talk) -- Contents -- Distributed Transformations of Hamiltonian Shapes Based on Line Moves -- 1 Introduction -- 1.1 Related Work -- 1.2 Our Contribution -- 2 Model -- 3 The Distributed Hamiltonian Transformation -- References -- Stand up Indulgent Gathering -- 1 Introduction -- 2 Model -- 3 The SUIG Algorithm -- 4 Concluding Remarks -- References -- Gathering a Euclidean Closed Chain of Robots in Linear Time -- 1 Introduction -- 2 Model and Notation -- 3 Basics -- 3.1 Isogonal Configurations -- 3.2 Sequential Movement with Run-States -- 4 Closed-Chain-Hopper -- 4.1 Intuition About the Asymmetric Algorithm -- 4.2 Asymmetric Algorithm in Detail -- 4.3 Symmetric Algorithm -- 4.4 Combination of the Algorithms -- 4.5 Analysis Sketch -- 5 Concluding Remarks -- References -- Centralised Connectivity-Preserving Transformations for Programmable Matter: A Minimal Seed Approach -- 1 Introduction -- 2 Contribution -- 3 Model -- 4 Infeasible Transformations and the Time Lower Bound -- 4.1 Time and Seed Lower Bounds for Line Transformations -- 5 Transformation for Nice Shapes -- 5.1 Line to Nice Shape -- 5.2 RaiseNodes -- 5.3 MirrorSeed -- 5.4 DepositNode -- 5.5 Construction of a Subset of Nice

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