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-- Performance Tuning of Failure Detectors in Wireless Ad-hoc Networks: Modelling and Experiments -- Hypergraph Partitioning for Faster Parallel PageRank Computation -- Prediction of Communication Latency over Complex Network Behaviors on SMP Clusters -- A Diffusion Approximation Model of an Electronic-Optical Node -- WS-FM -- Choreographing Security and Performance Analysis for Web Services -- Application of Formal Methods to the Analysis of Web Services Security -- Automatic Translation of WS-CDL Choreographies to Timed Automata -- Executable Semantics for Compensating CSP -- Verifying the Conformance of Web Services to Global Interaction Protocols: A First Step -- From Theory to Practice in Transactional Composition of Web Services -- Timing Issues in Web Services Composition -- A Compositional Operational Semantics for OWL-S -- A Parametric Communication Model for the Verification of BPEL4WS Compositions -- Reasoning About Interaction Patterns in Choreography.