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Abstrak

The Three-Volume-Set CCIS 323, 324, 325 (AsiaSim 2012) together with the Two-Volume-Set CCIS 326, 327 (ICSC 2012) constitutes the refereed proceedings of the Asia Simulation Conference, AsiaSim 2012, and the International Conference on System Simulation, ICSC 2012, held in Shanghai, China, in October 2012. The 267 revised full papers presented were carefully reviewed and selected from 906 submissions. The papers are organized in topical sections on modeling theory and technology, modeling and simulation technology on synthesized environment and virtual reality environment, pervasive computing and simulation technology, embedded computing and simulation technology, verification, validation and accreditation technology, networked modeling and simulation technology, modeling and simulation technology of continuous system, discrete system, hybrid system, and intelligent system, high performance computing and simulation technology, cloud simulation technology, modeling and simulation technology of complex system and open, complex, huge system, simulation based acquisition and virtual prototyping engineering technology, simulator; simulation language and intelligent simulation system, parallel and distributed software, CAD, CAE, CAM, CIMS, VP, VM, and VR, visualization; computing and simulation applications in science and engineering, computing and simulation applications in management, society and economics, computing and simulation applications in life and biomedical engineering, computing and simulation applications in energy and environment, computing and simulation applications in education, computing and simulation applications in military field, and computing and simulation applications in medical field.