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Descrizione fisica	1 online resource (300 pages)
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Sommario/riassunto	The invited addresses discuss developing quantum functional devices for multiple-valued logic circuits, and structural and behavioral modeling with monadic logics. Others of the 43 papers consider algebra, circuits, decomposition, clones, logic design, decision diagrams, applications, logic, testing, and fuzzy logic. A panel session reports on challenges and perspectives for the next millennium. Specific topics include multivalued binary relations and post algebras, supplementary symmetrical logic circuit structure, gigantic pairs of minimal clones, quaternary coded genetic algorithms, highly testable Boolean ring logic circuits, and some classes of fuzzy information granularity and their representations. No subject index. Annotation copyrighted by Book News, Inc., Portland, OR.