Just Out

These proceedings include over 150 papers on software generation methodology and applications presented at the IEEE Computer Society's Second International Computer Software and Applications Conference. Among the topics covered are software design, testing, reliability, and standards; data-base design; and security and privacy.
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An assessment of software development methodology and the techniques available for each developmental phase, this tutorial includes an overview, sections on modeling, design, and implementation, and a series of case studies.
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This tutorial presents an overview of both relational and distributed data base management systems and covers approaches to distributed query processing, concurrency control, and data base reliability.
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This tutorial explains some of the new developments which have taken place in system and program testing techniques. Breakthroughs include new methods for analyzing program structure to identify critical paths, new techniques for quantifying test coverage to reveal what has and has not been tested, new techniques for analyzing test results, new systematic methodologies for planning and controlling the testing process, and new automated tools and software aids for testing. This publication replaces the Tutorial on Program Testing Techniques by Edward F. Miller, Jr., and includes 13 papers from that previous publication.
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These proceedings present approximately 30 abstracts and papers discussing current research involving microprocessors and microprocessor-based systems. Topics include microprocessor architecture, multimicroprocessors, numerical computation, and microcomputer software and languages. Also included are five papers dealing with the social impact of microcomputers.
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