These proceedings are an account of the invitational workshop and conference, held at Georgia State University, that was organized by the Institute for Certification of Computer Professionals and sponsored by the IEEE Computer Society and the ACM. Thirty-five papers by world-renowned authorities present a multifaceted view of the ideas and processes associated with the current practices of systems analysis and design.
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Not intended to be a complete survey of complexity measures or of testing techniques, this tutorial describes a very specific methodology that has become known as structured testing. The papers discussing this two-phase methodology cover both theoretical notions and pragmatic step-by-step methods for acquiring test data and carrying out the testing process.
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Recent publications . . .

This publication contains the digest versions of the papers presented at the symposium. Areas of focus include state-of-the-art analyses and design philosophy; hardware technology issues, with emphasis on optical and magnetic system comparisons; software issues; and user requirements.
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439: Proceedings—Sixth Annual Symposium on Computer Applications in Medical Care, October 30-November 2, 1982—1078 pp.
The symposium annually informs physicians, health care professionals, biomedical scientists, engineers, and information technology specialists about current and potential applications of computer and communications technology to health care. Three overlapping themes provided this year’s session topics: the use and evaluation of information systems in patient care, microcomputer applications, and scientific and research medical care applications.
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