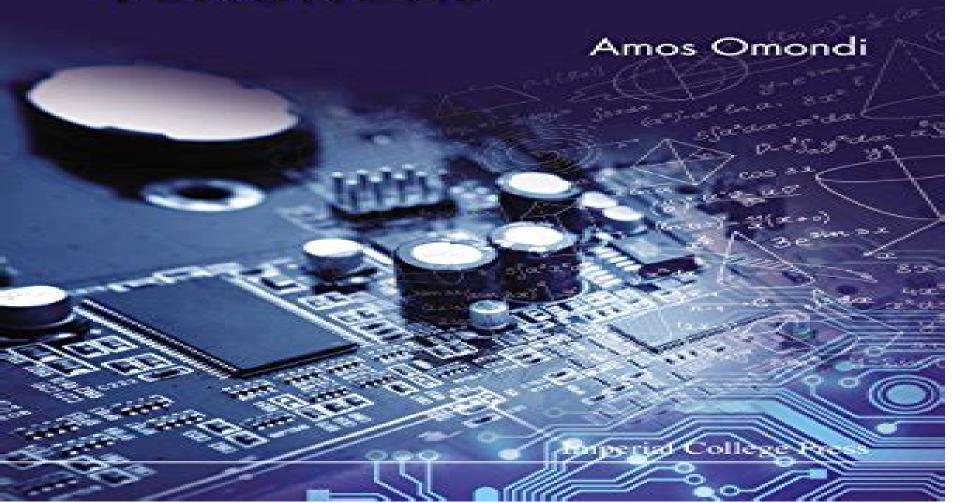
COMPUTER-HARDWARE EVALUATION OF MATHEMATICAL FUNCTIONS



Computer Hardware Evaluation Mathematical Functions Omondi

Anthony J. Field

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recent advances in computer arithmetic hardware with a focus on application specific arithmetic beyond the classic operators and the standard precisions It targets silicon designers who have to do better with less in the post Moore era and FPGA developers who want to exploit the full possibilities of reconfigurable computing platforms **Computer Arithmetic Systems** Amos R. Omondi, 1994 Aimed at digital designers computer hardware designers and computer architects this title deals with algorithms and hardware for operations in conventional fixed point number systems algorithms and hardware for operations in floating point number systems and unconventional number systems Current Problems of Applied Mathematics and Computer Systems Irina Samoylenko, Anatoly Alikhanov, Dmitrii Kaplun, Pavel Lvakhov, Aslan Apekov, 2025-11-18 This book based on the best papers accepted for presentation during the International Conference on Current Problems of Applied Mathematics and Computer Systems CPAMCS 2024 Russia This book includes research focused on contemporary mathematical challenges and their resolutions within scientific computing data analysis and modular computing This book presents original studies on numerical methods in scientific computing optimization problem solving function approximation techniques among other topics Furthermore it encompasses research contributions in data analysis and modular computing highlighting advancements in deep learning neural networks mathematical statistics machine learning techniques residue number systems and artificial intelligence Additionally this book addresses critical issues in mathematical education This book intends for professionals engaged in scientific computing parallel computing computer technology machine learning information security and mathematics education **Proceedings of International** Conference on Communication and Computational Technologies Sandeep Kumar, Saroj Hiranwal, Ritu Garg, S. D. Purohit, 2024-12-04 This book gathers selected papers presented at 6th International Conference on Communication and Computational Technologies ICCCT 2024 jointly organized by Soft Computing Research Society SCRS and Rajasthan Institute of Engineering Technology RIET Jaipur during January 8 9 2024 The book is a collection of state of the art research work in the cutting edge technologies related to the communication and intelligent systems The topics covered are algorithms and applications of intelligent systems informatics and applications and communication and control systems

Computer Evaluation of Mathematical Functions C. T. Fike,1970 Computer evaluation of mathematical functions Charles Theodore Fike,1968 Computer Performance Evaluation Anthony J. Field,2002-04-03 This book constitutes the refereed proceedings of the 12th International Conference on Modelling Techniques and Tools for Computer Performance Evaluation TOOLS 2002 held in London UK in April 2002 The 18 revised full papers and six tool papers presented together with an invited contribution were carefully reviewed and selected from 57 submissions Among the topics addressed are generic techniques like stochastic process algebras and the analysis of Petri nets and Markov chains as well as the development and employment of tools in areas such as the Internet software performance engineering parallel systems real time systems and transaction processing

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