



Excellent engineers training program to the 12th Five-Year Plan materials: Computer System Architecture (2nd Edition) [Paperback] (Chinese Edition)

By CHEN ZHI YONG



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paperback. Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback Pages Number: 296 Publisher.: Electronic Industry Press; 1 edition (January 1, 2012). Book systematically introduces the basic concepts of computer system architecture. design principles and methods of analysis. as well as the advanced technology and the latest development trend. The book is divided into nine chapters. Chapter 1 describes the hierarchy of computer systems. computer system structure. composition. realization of the definition and the relationship between computer performance. as well as computer system architecture. Chapter 2 describes the optimization of the instruction format. as well as CISC. RISC. decoupling CISC/RISC. post-RISC-related concepts used in technology. Chapter 3 describes the storage system. the page of virtual memory and Cache memory. Chapter 4 describes the scalar pipeline technology. superscalar super-pipelining. the VLIW architecture. and advanced assembly line scheduling techniques. Chapter 5 describes parallel processing technology. SIMD parallel processor interconnection networks. Chapter 6 describes the vector of the water processing. and vector processing performance of the commonly used technology. Chapter 7 describes the structure of multi-processor. multi-processor Cache consistency. multiprocessor performance model. and parallel computer model. Chapter 8 introduces the basics of...



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