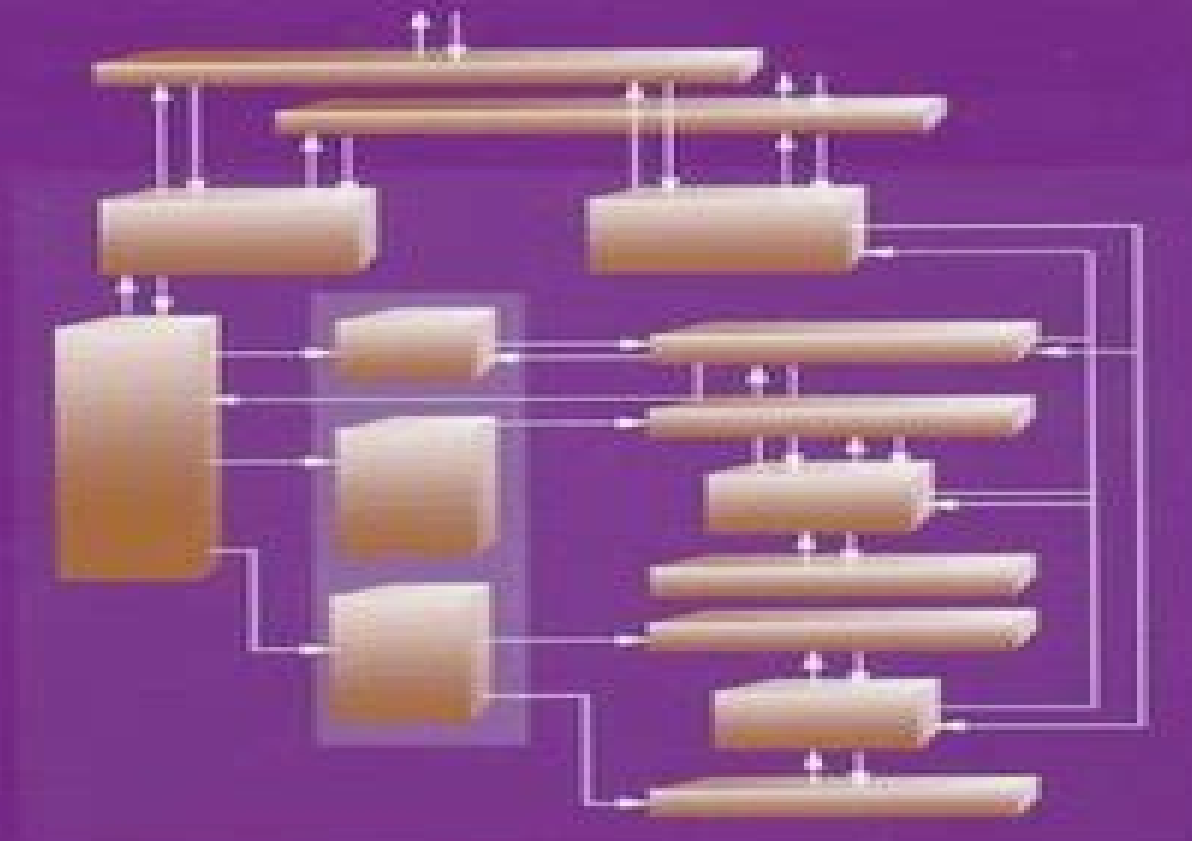


third edition

# Computer Architecture and Organization



John P. Hayes

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**M. Rafiquzzaman**



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**Fundamentals of Digital Logic and Microcomputer Design** is an essential reference that will provide you with the fundamental tools you need to design typical digital systems     Computer Organization and Architecture William Stallings,1993     **Computer Organization** V. Carl Hamacher,Zvonko G. Vranesic,Safwat G. Zaky,1990     **Database Computers** Stanley Y. W. Su,1988     **Scientific and Technical Books and Serials in Print** ,1989     **File Organization for Database Design** Gio Wiederhold,1987     *Real-time Microcomputer System Design* Peter Donald Lawrence,Konrad Mauch,1987     *Programming Using the C Language* Robert C. Hutchison,Steven B. Just,1988     **Computer Architecture** James M. Feldman,Charles T. Retter,1994     **Interconnection Networks for Large-scale Parallel Processing** Howard Jay Siegel,1990 Parallel computer systems are being used to forecast the weather make maps simulate chemical reactions control air traffic guide missiles provide robots with vision and manage ballistic missile defense A major problem in designing large scale parallel systems is the construction of an interconnection network to provide interprocessor communications This book presents the theoretical basis and a number of case studies that demonstrate how this work is done This revision includes the most recent research in the field     *Designing Efficient Algorithms for Parallel Computers* Michael Jay Quinn,1987 **Mathematics of Computing Parallelism**     **Instructor's Manual to Accompany Computer Architecture and Organization** John P. Hayes,John Patrick Hayes,1988-01-01     **Communicating with Display Terminals** Roger K. DeBry,1985     Coordinated Computing Robert E. Filman,Daniel P. Friedman,1984 This is one of the first books that attempts to discuss distributed programming It covers a wide spectrum of distributed programming models and makes a relative comparison of various message passing models concurrent languages and distributed programming languages The authors treatment of exchange functions which is not widely available otherwise discusses some of the issues of realtime programming languages After a brief review of computation theory programming languages synchronization mechanisms and primitives of distributed computing the authors discuss seven models for coordinated computing various programming languages and the problems of organizing distributed systems Recommended for those interested in distributed

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