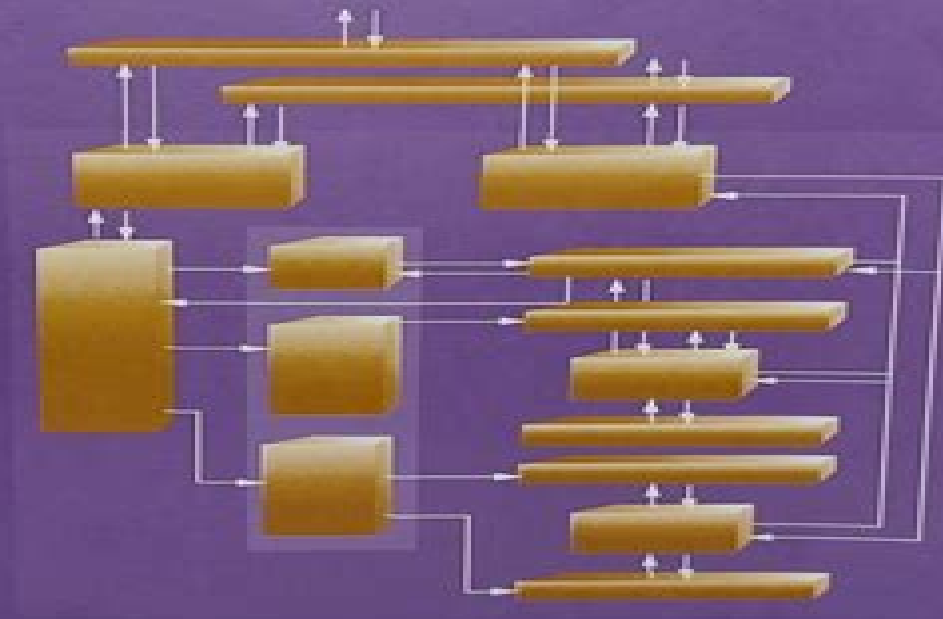


SECOND EDITION

# Computer Architecture and Organization



John P. Hayes



McGRAW-HILL INTERNATIONAL EDITIONS  
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# Computer Architecture And Organization Guide

**Christian G. Meyer**



## **Computer Architecture And Organization Guide:**

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**About the Author:** MILES MURDOCCA serves as the President and CEO of Internet Institute USA (IIUSA), a private postsecondary information technology (IT) school specializing in networking, operating systems, IP telephony, programming, and security. Previously, Dr. Murdocca has been a computer science faculty member at Rutgers University and a research scientist at AT&T Bell Laboratories, working in computer architecture, networking, and digital optical computing. He is the author of *A Digital Design Methodology for Optical Computing* and *Principles of Computer Architecture* and a contributing author to *Computer Systems Design and Architecture*, Second Edition, as well as the author of dozens of professional papers and patents relating to information technology.

VINCE HEURING is an associate professor and acting chair of the Department of Electrical and Computer Engineering at the University of Colorado at Boulder. He has been at the university since 1984 and prior to that he spent three years at the University of Cincinnati. Professor Heuring's research encompasses computer architectures and programming language design implementation. He and his colleague Harry Jordan designed and built the world's first stored-program optical computer (SPOC).

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