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Sommario/riassunto

A self-contained introduction to microprocessor theory and applications This book presents the fundamental concepts of assembly language programming and system design associated with typical microprocessors, such as the Motorola MC68000/68020 and Intel? Pentium?. It begins with an overview of microprocessors--including an explanation of terms, the evolution of the microprocessor, and typical applications--and goes on to systematically cover:
 Microcomputer architecture
 Microprocessor memory organization
 Microprocessor Input/Output (I/O)
 Microprocessor programming concept