

COMPUTER SYSTEM ARCHITECTURE



THIRD EDITION



M. Morris Mano

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AW Chickering



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Computer System Architecture M. Morris Mano, 1976 Focused primarily on hardware design and organization and the impact of software on the architecture this volume first covers the basic organization design and programming of a simple digital computer then explores the separate functional units in detail FEATURES develops an elementary computer to demonstrate by example the organization and design of digital computers uses a simple register transfer language to specify various computer operations

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WHAT THE REVIEWERS SAY Professor Dasaradh has significantly prepared each and every solution of the questions appeared in GATE and other competitive

examinations and many individuals from the community have devoted their time to proofread and improve the quality of the solutions so that they become very lucid for the reader I personally find this book very useful and only one of its kind in the market because this book gives complete analysis of the chapterwise questions based on the previous years examination Moreover all solutions are fully explained with a reference to the concerned book given after each solution It definitely helps in the elimination of redundant topics which are not important from examination point of view So the students will be able to reduce the volume of text matter to be studied Besides solutions are presented in lucid and understandable language for an average student Dr T Venugopal Associate Professor Department of CSE JNTUH Jagtial Overall I think this book represents an extremely valuable and unique contribution to the competitive field because it captures a wealth of GATE PGECET examination s preparation experience in a compact and reusable form This book is certainly one that I shall turn into a regular practice for all entrance examinations preparation guides This book will change the way of preparation for all competitive examinations Professor L V N Prasad CEO Vardhaman College of Engineering Hyderabad I began to wish that someone would compile all the important abstracting information into one reference as the need for a single reference book for aspirants had become even more apparent I have been thinking about this project for several years as I have conducted many workshops and training programs This book is full of terms phrases examples and other key information as well as guidelines that will be helpful not only for the students or the young engineers but also for the instructors Professor R Muraliprasad Professional Trainer GATE IES PSU Hyderabad The book which will prove to be an epitome of learning the concepts of CS and IT for GATE PGECET examination is purely intended for the aspirants of GATE and PGECET examinations It should also be of considerable utility and worth to the aspirants of UGC NET as well as to those who wish to pursue career in public sector units like ONGC NTPC ISRO BHEL BARC DRDO DVC Power grid IOCL and many more In addition the book is also of immense use for the placement coordinators of GATE PGECET

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