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this authoritative volume brings together a balanced and complete treatment of the very latest computer architectures using a helpful framework based on a machine evolution the author outlines the main approaches to designing computer structures and then covers the scaling of computers and their workloads multicomputers and scalable or multithreaded multiprocessors

this book covers four areas of parallel computing principles technology architecture and programming it is suitable for professionals and undergraduates taking courses in computer engineering parallel processing computer architecture scaleable computers or distributed computing

organized and supported by iiass and other italian institutions this workshop in vietri sul mare has now become a permanent annual event the aim is to foster closer links among all groups and individuals working in europe in this inter and multi disciplinary area topics cover models architectures and applications

this important text provides a single point of reference for state of the art cloud computing design and implementation techniques the book examines cloud computing from the perspective of enterprise architecture asking the question how do we realize new business potential with our existing enterprises topics and features with a foreword by thomas erl contains contributions from an international selection of preeminent experts presents the state of the art in enterprise architecture approaches with respect to cloud computing models frameworks technologies and applications discusses potential research directions and technologies to facilitate the realization of emerging business models through enterprise architecture

approaches provides relevant theoretical frameworks and the latest empirical research findings

scheduling in distributed computing systems analysis design and models intends to inculcate the innovative ideas for the scheduling aspect although the models in this book are designed for distributed systems the same information is applicable for any type of system i e where distributed processing is required scheduling in distributed computing systems analysis design and models will dramatically improve the design and management of the processes for industry professionals this book deals exclusively with the scheduling aspect which finds little space in other distributed operating system books scheduling in distributed computing systems analysis design and models is structured for a professional audience composed of researchers and practitioners in industry this book is also suitable as a reference for graduate level students in management sciences and computer science for distributed computing system classes

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