1. Record Nr. UNISA996390039503316

Autore	Smith Humphrey <d. 1663.>
Titolo	A collection of the several writings and faithful testimonies of that suffering servant of God, and patient follower of the Lamb, Humphry Smith [[electronic resource]] : who dyed a prisoner for the testimony of Jesus, in Winchester common-goal the 4th day of the 3d moneth in the year 1663
Pubbl/distr/stampa	London, : Printed and sold by Andrew Sowle ..., 1683
Descrizione fisica	[48], 92, [6], 93-340 p
Soggetti	Society of Friends - Doctrines Society of Friends
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	First ed. Cf. BM. Pages 128, 129 repeated in the pagination. Pages 7-8 are torn in filmed copy. Pages from beginning-15 photographed from Union Theological Seminary Library, New York copy and inserted at the end. Reproduction of original in Huntington Library.
Sommario/riassunto	eebo-0113

2. Record Nr. UNINA9910818396703321

Autore	Zhao Wenbing, Ph.D
Titolo	Building dependable distributed systems / / Wenbing Zhao
Pubbl/distr/stampa	Hoboken, New Jersey : , : Scrivener Publishing : , : Wiley, , 2014 ©2014
ISBN	1-118-91263-2 1-118-91274-8 1-118-91270-5
Descrizione fisica	1 online resource (370 p.)
Collana	Performability Engineering Series
Classificazione	COM051230
Disciplina	004/.36
Soggetti	Electronic data processing - Distributed processing Computer systems - Design and construction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Published simultaneously in Canada"--Title page verso.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Introduction to Dependable Distributed Computing -- 2. Logging and Checkpointing -- 3. Recovery-Oriented Computing -- 4. Data and Service Replication -- 5. Group Communication Systems -- 6. Consensus and the Paxos Algorithms -- 7. Byzantine Fault Tolerance -- 8. Application-Aware Byzantine Fault Tolerance.
Sommario/riassunto	"This book covers the most essential techniques for designing and building dependable distributed systems. Instead of covering a broad range of research works for each dependability strategy, the book focuses only a selected few (usually the most seminal works, the most practical approaches, or the first publication of each approach) are included and explained in depth, usually with a comprehensive set of examples. The goal is to dissect each technique thoroughly so that readers who are not familiar with dependable distributed computing can actually grasp the technique after studying the book.The book contains eight chapters. The first chapter introduces the basic concepts and terminologies of dependable distributed computing, and also provide an overview of the primary means for achieving dependability. The second chapter describes in detail the checkpointing and logging mechanisms, which are the most commonly used means to achieve limited degree of fault tolerance. Such mechanisms also serve as the

foundation for more sophisticated dependability solutions. Chapter three covers the works on recovery-oriented computing, which focus on the practical techniques that reduce the fault detection and recovery times for Internet-based applications. Chapter four outlines the replication techniques for data and service fault tolerance. This chapter also pays particular attention to optimistic replication and the CAP theorem. Chapter five explains a few seminal works on group communication systems. Chapter six introduces the distributed consensus problem and covers a number of Paxos family algorithms in depth. Chapter seven introduces the Byzantine generals problem and its latest solutions, including the seminal Practical Byzantine Fault Tolerance (PBFT) algorithm and a number of its derivatives. The final chapter covers the latest research results on application-aware Byzantine fault tolerance, which is an important step forward towards practical use of Byzantine fault tolerance techniques"--