

1. Record Nr.	UNINA9910350216003321
Titolo	Stochastic Models in Reliability, Network Security and System Safety : Essays Dedicated to Professor Jinhua Cao on the Occasion of His 80th Birthday // edited by Quan-Lin Li, Jinting Wang, Hai-Bo Yu
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2019
ISBN	981-15-0864-X
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (xxiii, 495 pages) : illustrations
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1102
Disciplina	620.00452
Soggetti	Computer science - Mathematics Computer networks Artificial intelligence Mathematical Applications in Computer Science Mathematics of Computing Computer Communication Networks Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Review Papers -- Reliability Models -- Queueing Theory -- System Safety, Manufacturing Systems and Others.
Sommario/riassunto	This book is dedicated to Jinhua Cao on the occasion of his 80th birthday. Jinhua Cao is one of the most famous reliability theorists. His main contributions include: published over 100 influential scientific papers; published an interesting reliability book in Chinese in 1986, which has greatly influenced the reliability of education, academic research and engineering applications in China; initiated and organized Reliability Professional Society of China (the first part of Operations Research Society of China) since 1981. The high admiration that Professor Cao enjoys in the reliability community all over the world was witnessed by the enthusiastic response of each contributor in this book. The contributors are leading researchers with diverse research perspectives. The research areas of the book include a broad range of topics related to reliability models, queueing theory, manufacturing

systems, supply chain finance, risk management, Markov decision processes, blockchain and so forth. The book consists of a brief Preface describing the main achievements of Professor Cao; followed by congratulations from Professors Way Kuo and Wei Wayne Li, and by Operations Research Society of China, and Reliability Professional Society of China; and further followed by 25 articles roughly grouped together. Most of the articles are written in a style understandable to a wide audience. This book is useful to anyone interested in recent developments in reliability, network security, system safety, and their stochastic modeling and analysis.
