1. Record Nr. UNISALENTO991003568049707536

Autore	Kos, Peter
Titolo	The monetary circulation in the Southeastern Alpine Region ca. 300 B. C. - A. D. 1000 = Denarni obtok na prostoru Jugovzhodnih Alp 300 pr. n. s. - 1000
Collana	Situla ; 24
Disciplina	737.4
Soggetti	Circolazione monetaria
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910590044903321

Autore	Vass Balazs
Titolo	Regional Failure Events in Communication Networks : Models, Algorithms and Applications / / by Balázs Vass
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	9783031142567 9783031142550
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (130 pages)
Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5061
Disciplina	363.348 621.3820113
Soggetti	Computer networks Computer science Geometry Statistics System theory Computer Networks Computational Geometry Statistics in Engineering, Physics, Computer Science, Chemistry and Earth Sciences Complex Systems Sistemes de telecomunicació Gestió d'emergències

	Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Formal Problem Statement -- RelatedWork -- Algorithmic Background.
Sommario/riassunto	This book presents a comprehensive study covering the design and application of models and algorithms for assessing the joint device failures of telecommunication backbone networks caused by large-scale regional disasters. At first, failure models are developed to make use of the best data available; in turn, a set of fast algorithms for determining the resulting failure lists are described; further, a theoretical analysis of the complexity of the algorithms and the properties of the failure lists is presented, and relevant practical case studies are investigated. Merging concepts and tools from complexity theory, combinatorial and computational geometry, and probability theory, a comprehensive set of models is developed for translating the disaster hazard in informative yet concise data structures. The information available on the network topology and the disaster hazard is then used to calculate the possible (probabilistic) network failures. The resulting sets of resources that are expected to break down simultaneously are modeled as a collection of Shared Risk Link Groups (SRLGs), or Probabilistic SRLGs. Overall, this book presents improved theoretical methods that can help predicting disaster-caused network malfunctions, identifying vulnerable regions, and assessing precisely the availability of internet services, among other applications.