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Soggetti	Security systems Fire prevention Buildings - Protection Computers Security Science and Technology Fire Science, Hazard Control, Building Safety Hardware Performance and Reliability
Lingua di pubblicazione	Inglese
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Nota di contenuto	Chapter 1: Time Dependent short mode failures in MLCCs due to cracks in the device bodies -- Chapter 2: Local Orbit Bump Control in Indus-2 Using Intelligent Agents Based Control for Enhanced System Operability -- Chapter 3: Reliability Analysis of Smart Pressure Transmitter -- Chapter 4: Accelerated failure time models with corrective and preventive maintenance for repairable systems subject to imperfect repair -- Chapter 5: Reliability Improvement of Single Shot Device -- Chapter 6: Reliability Evaluation of Silicon Carbide (SiC) Boost Converter using Stochastic Model -- Chapter 7: Application of HALT for Standardization in Aerospace Systems: A Case study of Relay Contactors -- Chapter 8: Failure Mode Effect Analysis of Analog Alarm Trip Unit using simulation technique -- Chapter 9: Analytical Modelling of Distributed File Systems (GlusterFS and CephFS) -- Chapter 10: Ageing model for electrolytic capacitors under thermal overstress -- Chapter 11: Vulnerability Assessment of Authorization System for USB-based Storage Devices -- Chapter 12: Crypto-Ransomware Detection

using Behavioural Analysis -- Chapter 13: Comprehensive Safety Analysis of Station Black Out scenario in TAPS-1 and 2 -- Chapter 14: Source-term Prediction during Loss of Coolant Accident in NPP using Artificial Neural Networks -- Chapter 15: Markov probabilistic approach based availability simulation modelling and performance evaluation of coal supply system of thermal power plant.

Sommario/riassunto

This volume presents selected papers from the International Conference on Reliability, Safety, and Hazard. It presents the latest developments in reliability engineering and probabilistic safety assessment, and brings together contributions from a diverse international community and covers all aspects of safety, reliability, and hazard assessment across a host of interdisciplinary applications. This book will be of interest to researchers in both academia and the industry. .
