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Nota di contenuto	Graphical modeling of Security Arguments: Current State and Future Directions -- Evil Twins: Handling Repetitions in Attack - Defense Trees - A Survival Guide -- Visualizing Cyber Security Risks with Bow-Tie Diagrams -- CSIRA: A method for analysing the risk of cybersecurity incidents -- Quantitative Evaluation of Attack Defense Trees using Stochastic Timed Automata -- Probabilistic Modeling of Insider Threat Detection Systems -- Security Modeling for Embedded System Design -- Circle of Health Based Access Control for Personal Health

Information Systems -- New Directions in Attack Tree Research:
Catching up with Industrial Needs -- Employing Graphical Risk Models
to Facilitate Cyber-Risk Monitoring - the WISER Approach.

Sommario/riassunto

This book constitutes revised selected papers from the 4th International Workshop on Graphical Models for Security, GraMSec 2017, held in Santa Barbara, CA, USA, in August 2017. The 5 full and 4 short papers presented in this volume were carefully reviewed and selected from 19 submissions. The book also contains one invited paper from the WISER project. The contributions deal with the latest research and developments on graphical models for security.