

1. Record Nr.	UNINA9910482995703321
Titolo	Graphical Models for Security : Third International Workshop, GramSec 2016, Lisbon, Portugal, June 27, 2016, Revised Selected Papers // edited by Barbara Kordy, Mathias Ekstedt, Dong Seong Kim
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-46263-6
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (IX, 167 p. 62 illus.)
Collana	Security and Cryptology ; ; 9987
Disciplina	005.8
Soggetti	Computer security Computer science—Mathematics Computer communication systems Software engineering Algorithms Systems and Data Security Discrete Mathematics in Computer Science Computer Communication Networks Software Engineering Algorithm Analysis and Problem Complexity
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	A Bottom-up Approach to Applying Graphical Models in Security Analysis -- On the Soundness of Attack Trees -- The Right Tool for the Job: a Case for Common Input Scenarios for Security Assessment -- Differential Privacy Analysis of Data Processing Workflows -- Bridging Two Worlds: Reconciling Practical Risk Assessment Methodologies with Theory of Attack Trees -- Enterprise Architecture-Based Risk and Security Modelling and Analysis -- From A to Z: Developing a Visual Vocabulary for Information Security Threat Visualisation -- Quantitative Attack Tree Analysis: Stochastic Bounds and Numerical Analysis -- Survivability Analysis of a Computer System under an Advanced Persistent Threat Attack -- Confining Adversary Actions via Measurement. .

Sommario/riassunto

This book constitutes the refereed proceedings from the Third International Workshop on Graphical Models for Security, GraMSec 2016, held in Lisbon, Portugal, in June 2016. The 9 papers presented in this volume were carefully reviewed and selected from 23 submissions. The volume also contains the invited talk by Xinming Ou. GraMSec contributes to the development of well-founded graphical security models, efficient algorithms for their analysis, as well as methodologies for their practical usage. .
