1. Record Nr. UNINA9910787566503321

Autore	Bhattacharyya Dhruba K.
Titolo	Network anomaly detection : a machine learning perspective / / Dhruba Kumar Bhattacharyya, Jugal Kumar Kalita
Pubbl/distr/stampa	Boca Raton : , : CRC Press, Taylor & Francis Group, , [2014] 2014
ISBN	0-429-16687-7 1-4665-8209-X
Descrizione fisica	1 online resource (xxv, 340 pages) : illustrations
Collana	Gale eBooks
Classificazione	COM037000COM053000COM083000
Disciplina	005.8
Soggetti	Computer networks - Security measures Intrusion detection systems (Computer security) Machine learning
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front Cover; Dedication; Contents; List of Figures; List of Tables; Preface; Acknowledgments; Abstract; Authors; 1. Introduction; 2. Networks and Anomalies; 3. An Overview of Machine Learning Methods; 4. Detecting Anomalies in Network Data; 5. Feature Selection; 6. Approaches to Network Anomaly Detection; 7. Evaluation Methods; 8. Tools and Systems; 9. Open Issues, Challenges and Concluding Remarks; References
Sommario/riassunto	This book discusses detection of anomalies in computer networks from a machine learning perspective. It introduces readers to how computer networks work and how they can be attacked by intruders in search of fame, fortune, or challenge. The reader will learn how one can look for patterns in captured network traffic data to look for anomalous patterns that may correspond to attempts at unauthorized intrusion. The reader will be given a technical and sophisticated description of such algorithms and their applications in the context of intrusion detection in networks--

2. Record Nr. UNINA9910809021403321

Autore	Powell James
Titolo	A librarian's guide to graphs, data and the semantic web / / James Powell and Matthew Hopkins, Los Alamos National Laboratory
Pubbl/distr/stampa	Waltham, MA : , : Chandos Publishing, , [2015] 2015
ISBN	1-78063-434-X 1-84334-753-9
Edizione	[1st edition]
Descrizione fisica	1 online resource (xxvi, 242 pages) : illustrations (chiefly color)
Collana	Chandos information professional series
Disciplina	025.0427
Soggetti	Semantic web Graph theory Libraries and the Internet
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	5 OntologiesOntological autometamorphosis; Introduction to ontologies; Ontology development steps; Building blocks of ontologies; Ontology building tutorial; Ontologies and logic; 6 SPARQL; Triple patterns for search; SPARQL; SPARQL query endpoint; SPARQL 1.1; 7 Inferencing, reasoning, and rules; Mechanical thought; Intelligent computers; Language to logic; Inferencing; Logic notation; Challenges and pitfalls of rules; Reasoners and rules; SWRL; N3 rules; Final considerations; 8 Understanding Linked Data; Demons and genies; Characteristics of Linked Data; Linked Data requirements summary Is it contagious?The city effect; 13 Networks in chemistry and physics; The best T-shirts graph theory has to offer; Percolation; Phase transitions; Synchronization; Quantum interactions and crystals; 14 Social networks; Six degrees of separation; It's a small world; Social network analysis; 15 Upper ontologies; A unifying framework for knowledge; Friend of a Friend; Organization; Event; Provenance; Aggregations; Data Sets; Thesaurus; Measurements; Geospatial; Geonames; WGS84; Spatial; 16 Library metadata ontologies; Where are the books?; Migrating descriptions of library resources to RDF Dublin CoreMARC and the Semantic Web; A Library of Congress

	mapping of MARC to Dublin Core; The OCLC Schema Model; BIBFRAME; Pioneering Semantic Web projects in libraries; The British Library; UCSD Library Digital Asset Management System; Linked data services; Where to go from here?; Leverage the graph topology; Incorporate graph visualizations; Use inferencing; Use rules and reasoning; 17 Time; Time flies; Standard time; Allen's Temporal Intervals; Semantic time; Graph time; 18 Drawing and serializing graphs; The inscrutable hairball; Graph Data Formats; GDF; XML and graphs; XGMML; GraphML GEXF
Sommario/riassunto	Graphs are about connections, and are an important part of our connected and data-driven world. A Librarian's Guide to Graphs, Data and the Semantic Web is geared toward library and information science professionals, including librarians, software developers and information systems architects who want to understand the fundamentals of graph theory, how it is used to represent and explore data, and how it relates to the semantic web. This title provides a firm grounding in the field at a level suitable for a broad audience, with an emphasis on open source solutions and what problems these tools