1. Record Nr. UNINA9910457495603321

Autore	Lamb Dennis <1941->
Titolo	Physics and chemistry of clouds / / Dennis Lamb, Johannes Verlinde [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2011
ISBN	1-107-08664-7 1-107-21966-3 1-62870-283-4 1-283-38394-2 1-139-18933-6 9786613383945 1-139-18803-8 1-139-19063-6 1-139-18341-9 1-139-18572-1 0-511-97637-2
Descrizione fisica	1 online resource (xiv, 584 pages) : digital, PDF file(s)
Disciplina	551.57/6
Soggetti	Clouds - Dynamics Atmoispheric physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references (p. 562-567) and index.
Nota di contenuto	1. Introduction; 2. The atmospheric setting; 3. Equilibria; 4. Change; 5. Cloud thermodynamics; 6. Cloud formation and evolution; 7. Nucleation; 8. Growth from the vapor; 9. Growth by collection; 10. Evolution of supersaturation; 11. Warm clouds; 12. Cold clouds; 13. Cloud chemistry; 14. Electrification; Appendix A. Cloud classification; Appendix B. Basics of thermodynamics; Appendix C. Boltzmann distribution; Index.
Sommario/riassunto	Clouds affect our daily weather and play key roles in the global climate. Through their ability to precipitate, clouds provide virtually all of the fresh water on Earth and are a crucial link in the hydrologic cycle. With ever-increasing importance being placed on quantifiable predictions -

	from forecasting the local weather to anticipating climate change - we must understand how clouds operate in the real atmosphere, where interactions with natural and anthropogenic pollutants are common. This textbook provides students - whether seasoned or new to the atmospheric sciences - with a quantitative yet approachable path to learning the inner workings of clouds. Developed over many years of the authors' teaching at Pennsylvania State University, Physics and Chemistry of Clouds is an invaluable textbook for advanced students in atmospheric science, meteorology, environmental sciences/engineering and atmospheric chemistry. It is also a very useful reference text for researchers and professionals.

2.

Record Nr.	UNISA996466107403316
Titolo	Detection of Intrusions and Malware, and Vulnerability Assessment [[electronic resource]] : 5th International Conference, DIMVA 2008, Paris, France, July 10-11, 2008, Proceedings / / edited by Diego Zamboni
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2008
ISBN	3-540-70542-2
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (X, 279 p.)
Collana	Security and Cryptology ; ; 5137
Disciplina	005.8
Soggetti	Data encryption (Computer science) Management information systems Computer science Computer communication systems Computer security Computers and civilization Cryptology Management of Computing and Information Systems Computer Communication Networks Systems and Data Security Computers and Society
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Attack Prevention -- Data Space Randomization -- XSS-GUARD: Precise Dynamic Prevention of Cross-Site Scripting Attacks -- VeriKey: A Dynamic Certificate Verification System for Public Key Exchanges -- Malware Detection and Prevention (I) -- Dynamic Binary Instrumentation-Based Framework for Malware Defense -- Embedded Malware Detection Using Markov n-Grams -- Learning and Classification of Malware Behavior -- Attack Techniques and Vulnerability Assessment -- On Race Vulnerabilities in Web Applications -- On the Limits of Information Flow Techniques for Malware Analysis and Containment -- Malware Detection and Prevention (II) -- Expanding Malware Defense by Securing Software Installations -- FluXOR: Detecting and Monitoring Fast-Flux Service Networks -- Traffic Aggregation for Malware Detection -- Intrusion Detection and Activity Correlation -- The Contact Surface: A Technique for Exploring Internet Scale Emergent Behaviors -- The Quest for Multi-headed Worms -- A Tool for Offline and Live Testing of Evasion Resilience in Network Intrusion Detection Systems.
Sommario/riassunto	This book constitutes the refereed proceedings of the 5th International Conference on Detection of Intrusions and Malware, and Vulnerability Assessment, DIMVA 2008, held in Paris, France in July 2008. The 13 revised full papers presented together with one extended abstract were carefully reviewed and selected from 42 submissions. The papers are organized in topical sections on attack prevention, malware detection and prevention, attack techniques and vulnerability assessment, and intrusion detection and activity correlation.