1. Record Nr. UNISALENTO991003249829707536

Titolo	Securing IM and P2P applications for the enterprise [electronic resource] / Paul. L. Piccard ... [et al.] ; technical editor, Marcus H. Sachs.
Pubbl/distr/stampa	Rockland, MA : Syngress Pub., c2006.
ISBN	9781597490177 1597490172
Descrizione fisica	xxiv, 454 p. : ill. ; 23 cm.
Altri autori (Persone)	Piccard, Paul L. Sachs, Marcus H.
Disciplina	005.8
Soggetti	Instant messaging - Security measures Electronic mail messages - Security measures Peer-to-peer architecture (Computer networks) Computer security Electronic books.
Lingua di pubblicazione	Inglese
Formato	Risorsa elettronica
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Instant messaging Applications; Introduction; AOL Instant Messanger; Yahoo! messanger; MSN Messanger; ICQ; Trillian, Google Talk, and Web-based Clients; Skype; Part II: Peer to Peer Networks; Introduction; Gnutella Architecture; eDonkey and eMule; BitTorrent; FastTrack; part III: Internet Chat Relays; IRC Networks and Security; Global IRC Security; Common IRC Clients by OS; Index.
Sommario/riassunto	This book is for system administrators and security professionals who need to bring now ubiquitous IM and P2P applications under their control. Many businesses are now taking advantage of the speed and efficiency offered by both IM and P2P applications, yet are completely ill-equipped to deal with the management and security ramifications. These companies are now finding out the hard way that these applications which have infiltrated their networks are now the prime targets for malicious network traffic. This book will provide specific information for IT professionals to protect themselves from these vulnerabilities at both the network and application layers by identifying and blocking this malicious traffic. * A recent study by the Yankee

	group ranked "managing and securing IM and P2P applications" as the #3 priority for IT managers in 2004 * The recently updated SANS/FBI top 10 list of vulnerabilities for computers running Microsoft Windows contained both P2P and IM applications for the first time * The recently released Symantec Threat Assessment report for the first half of 2004 showed that 19 of the top 50 virus threats targeted IM or P2P applications. Despite the prevalence of IM and P2P applications on corporate networks and the risks they pose, there are no other books covering these topics.

2.

Record Nr.	UNINA9910495170603321
Autore	Stancil Daniel D.
Titolo	Spin Waves : Problems and Solutions / / by Daniel D. Stancil, Anil Prabhakar
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-68582-9
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XIII, 246 p. 37 illus., 6 illus. in color.)
Disciplina	538.3
Soggetti	Magnetism Telecommunication Electronics Signal processing Electrical engineering Microwaves, RF Engineering and Optical Communications Electronics and Microelectronics, Instrumentation Signal, Speech and Image Processing Electrical and Electronic Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction to Magnetism -- Quantum Theory of Spin Waves -- Magnetic Susceptibilities -- Electromagnetic Waves in Anisotropic Dispersive Media -- Magnetostatic Modes -- Propagation

Characteristics and Excitation of Dipolar Spin Waves -- Variational Formulation of Magnetostatic Modes -- Optical Spin-Wave Interactions -- Nonlinear Interactions -- Novel Applications.

Sommario/riassunto

This book presents a collection of problems in spin wave excitations with their detailed solutions. Each chapter briefly introduces the important concepts, encouraging the reader to further explore the physics of spin wave excitations and the engineering of spin wave devices by working through the accompanying problem sets. The initial chapters cover the fundamental aspects of magnetization, with its origins in quantum mechanics, followed by chapters on spin wave excitations, such as the magnetostatic approximation, Walker's equation, the spin wave manifold in the three different excitation geometries of forward volume, backward volume and surface waves, and the dispersion of spin waves. The latter chapters focus on the practical aspects of spin waves and spin wave optical devices and use the problem sets to introduce concepts such as variational analysis and coupled mode theory. Finally, for the more advanced reader, the book covers nonlinear interactions and topics such as spin wavequantization, spin torque excitations, and the inverse Doppler effect. The topics range in difficulty from elementary to advanced. All problems are solved in detail and the reader is encouraged to develop an understanding of spin wave excitations and spin wave devices while also strengthening their mathematical, analytical, and numerical programming skills.