1.	Record Nr.	UNINA9910255011903321
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	Titolo	Economics of Database-Assisted Spectrum Sharing [[electronic resource] /] / by Yuan Luo, Lin Gao, Jianwei Huang
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
	ISBN	3-319-43231-1
	Edizione	[1st ed. 2016.]
	Descrizione fisica	1 online resource (X, 88 p. 25 illus.)
	Collana	Wireless Networks, , 2366-1186
	Disciplina	384.54524
	Soggetti	Computer communication systems Electrical engineering Game theory Computer Communication Networks Communications Engineering, Networks Game Theory
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	Database-Assisted Spectrum Sharing -- Economics Theory Basics -- Spectrum Trading Market Model -- Information Trading Market Model -- Hybrid Spectrum and Information Market Model -- Conclusion and Outlook.
	Sommario/riassunto	This book examines the interaction between the technical and economic issues in database-assisted dynamic spectrum networks. It explains various business models for different network settings, analyzing the user behaviors and system equilibrium under each model. With the explosive growth of mobile devices and bandwidth-hungry applications, radio spectrum is becoming increasingly congested and scarce. Database-assisted dynamic spectrum sharing is a promising technology for solving the problem of spectrum scarcity and congestion by allowing unlicensed mobile devices to dynamically access the under-utilized licensed spectrum resources through the assistance of a database. Database-assisted spectrum sharing network architecture has received wide and enthusiastic support from spectrum regulators, standards bodies, and industrial organizations. This book

serves as a resource for researchers in white space communications and networking, for regulators in the wireless industry, and for graduate students and senior undergraduate students taking a course on network economics. .