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	Descrizione fisica	1 online resource (149 pages)
	Altri autori (Persone)	YangNing
	Disciplina	621.384
	Soggetti	Wireless communication systems
		Mobile communication systems
		Computational intelligence
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		Wireless and Mobile Communication
		Computational Intelligence
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	Lingua di pubblicazione	Inglese
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	Nota di contenuto	Introduction to Intelligence Wireless Communication -- Cognitive Spectrum Intelligence -- Learning Resource Allocation Optimization -- Transmission Intelligence -- Learning Traffic and Mobility Prediction -- Software Defined Networking -- Security in Wireless Communication -- 6G Driving Applications with Deep Learning.
	Sommario/riassunto	The book offers a focused examination of deep learning-based wireless communication systems and their applications. While both principles and engineering practice are explored, greater emphasis is placed on the latter. The book offers an in-depth exploration of major topics such as cognitive spectrum intelligence, learning resource allocation optimization, transmission intelligence, learning traffic and mobility prediction, and security in wireless communication. Notably, the book provides a comprehensive and systematic treatment of practical issues related to intelligent wireless communication, making it particularly useful for those seeking to learn about practical solutions in AI-based wireless resource management. This book is a valuable resource for

researchers, engineers, and graduate students in the fields of wireless communication, telecommunications, and related areas.