1. Record Nr. UNINA9910229174703321

Titolo	ABA juvenile & child welfare law reporter
Pubbl/distr/stampa	Washington, DC, : ABA National Legal Resource Center for Child Advocacy and Protection, ©1986-©1996
Disciplina	346.7301/35 347.306135
Soggetti	Children - Legal status, laws, etc - United States Children - Legal status, laws, etc Atenció a la infància i a l'adolescència Situació legal Periodicals. Digests. Revistes electròniques. United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico

2. Record Nr. UNINA9910627256603321

Autore	Ye Neng
Titolo	Multiple Access Technology Towards Ubiquitous Networks : Overview and Efficient Designs / / by Neng Ye, Xiangming Li, Kai Yang, Jianping An
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	981-19-4025-8
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (194 pages)
Disciplina	621.38456
Soggetti	Telecommunication Wireless communication systems Mobile communication systems Communications Engineering, Networks Wireless and Mobile Communication
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Multiple Access Toward 5G and Beyond -- Multiple Access Toward Non-Terrestrial Networks -- Constellation Design Technique for Multiple Access -- Rate-Adaptive Design for Multiple Access -- Artificial Intelligence-Enhanced Multiple Access -- Deep Learning-Aided High-Throughput Multiple Access -- Summary.
Sommario/riassunto	This book investigates the multiuser communication and its key technology—multiple access technology, as well as transceiving design methods. Multiple access methods toward B5G and 6G currently allows the superposition transmissions of multiuser signals with controllable mutual interference. By deploying advanced multiuser detector, current technology significantly enhances the connectivity, improves the spectral efficiency and simplifies the signaling interactions. Considering that the major challenge of current multiple access technology is the design of transceiver due to the overlapped and distorted signals from multiple users, we analyze the promising candidate multiple access schemes and then develop some sights on how to formulate the transmit signals and how to achieve efficient symbol recovery. Specifically, the incorporation of constellation rotation, rate splitting

and deep learning techniques in enhancing the transmission efficiency of multiple access technology are considered.