1. Record Nr. UNINA9910554873903321 Autore Thakur Prabhat Titolo Spectrum sharing in cognitive radio networks: towards highly connected environments / / Prabhat Thakur, Ghanshyam Singh Pubbl/distr/stampa Hoboken, NJ:,: Wiley,, [2021] ©2021 **ISBN** 1-119-66544-2 1-119-66545-0 1-119-66543-4 Descrizione fisica 1 online resource (387 pages) Disciplina 621.384 Soggetti Cognitive radio networks Radio resource management (Wireless communications) Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Sommario/riassunto "The wireless communication world exemplifies the swift transformation towards 5th generation cellular networks, the rapid shift from user-centric to device-centric communication which has created a tremendous impact on service complexity and network requirements. The forthcoming networks present essential demand of ubiquitous throughput, low-latency, and high-reliability and are also intended to provide energy efficiency, spectrum reuse, network scalability, and robustness as well as improved quality of user experience, which proves to be of ultimate importance. Therefore, the government,

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academic, and industrial institutions are working together to fulfil these