Record Nr. UNINA9910299935503321 Optical and Wireless Technologies [[electronic resource]]: Proceedings **Titolo** of OWT 2017 / / edited by Vijay Janyani, Manish Tiwari, Ghanshyam Singh, Paolo Minzioni Singapore:,: Springer Singapore:,: Imprint: Springer,, 2018 Pubbl/distr/stampa 981-10-7395-3 **ISBN** Edizione [1st ed. 2018.] Descrizione fisica 1 online resource (699 pages): illustrations (some color), graphs Lecture Notes in Electrical Engineering, , 1876-1100 ; ; 472 Collana Disciplina 621.3827 Soggetti Microwaves Optical engineering Lasers **Photonics** Optical materials Electronic materials Microwaves, RF and Optical Engineering Optics, Lasers, Photonics, Optical Devices Optical and Electronic Materials Inglese Lingua di pubblicazione **Formato** Materiale a stampa Livello bibliografico Monografia Includes bibliographical references at the end of each chapters and Nota di bibliografia index. Nota di contenuto PART 1:Optical Technologies -- PART 2: Wireless Technologies -- PART 3: General Scientific and Technical Research Trends. Sommario/riassunto This book presents selected papers from 1st International Conference on Optical and Wireless Technologies, providing insights into the analytical, experimental, and developmental aspects of systems, techniques, and devices in these spheres. It explores the combined use of various optical and wireless technologies in next-generation networking applications, and discusses the latest developments in applications such as photonics, high-speed communication systems and networks, visible light communication, nanophotonics, and wireless and multiple-input-multiple-output (MIMO) systems. The book will serve as a valuable reference resource for academics and researchers across the globe.