

1. Record Nr.	UNINA9910317763703321
Titolo	Optic nerve // edited by Felicia M. Ferreri
Pubbl/distr/stampa	[London] : , : IntechOpen, , 2019
ISBN	1-83962-012-9 1-78984-967-5
Descrizione fisica	1 online resource (166 pages)
Disciplina	599.01823
Soggetti	Optic nerve
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	The optic nerve is a primary reference for those ophthalmologists and researchers interested in its anatomy and physiology, in the most recent diagnostic techniques, as well as in the clinical management of optic nerve disorders. The book provides a detailed description of the structure and functioning of the optic nerve and attempts at clarifying how anomalies in its development are related with tumor development. The book surveys the most recent diagnostic techniques, such as spectral domain optical coherence tomography, and highlights how these techniques can be employed to evaluate optic nerve layers as well as lesions compressing the visual pathway. Practical references to optic nerve drusen and the changes in the optic nerve due to diabetic retinopathy are also presented. The book is written in a concise fashion and aims at being a major reference to a broad audience, including students, ophthalmologist consultants, neurologists, researchers, and surgeons concerned with optic nerve diseases.

2. Record Nr.	UNINA9911018644803321
Autore	Mohit Kumar
Titolo	Computational Intelligence Techniques for 5G Enabled IoT Networks // edited by Mohit Kumar, Sukhpal Singh Gill, Vijay Kumar, Prabal Verma
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031827334 9783031827327
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (515 pages)
Collana	Advances in Science, Technology & Innovation, IEREK Interdisciplinary Series for Sustainable Development, , 2522-8722
Altri autori (Persone)	GillSukhpal Singh KumarVijay VermaPrabal
Disciplina	006.3
Soggetti	Computational intelligence Internet of things Cloud computing Computer science Computer engineering Computer networks Computational Intelligence Internet of Things Cloud Computing Computer Science Computer Engineering and Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part I. Computational Intelligence and Sustainability Solutions for Next-Gen IoT Networks -- Chapter 1. Computational Intelligence based Carbon Neutral Wireless Networks for Edge Cloud Continuum -- Chapter 2. AI/ML: Developing Algorithms for Handling Imbalanced Datasets in Classification Tasks -- Chapter 3. A Novel Algorithm for Digital Twin Accuracy -- Chapter 4. Google Cloud Spanner based Data Management Application for Smart Gaming Industry -- Part II. Optimization and Resilience Strategies for 5G-Enabled IoT Networks --

Chapter 5. Next Generation Cloud Security Paradigm: Orchestrating Cutting-Edge Machine Learning for DDoS Attack Detection Through Robust Optimization Algorithm -- Chapter 6. Role of Cognitive Radio in 5G Enabled IoT Networks -- Chapter 7. Influence of Soft Computing Techniques in Autonomous Vehicles -- Chapter 8. Disaster Resilience Communication through Optimized-UAV Enabled 5G Networks with D2D Communication -- Part III. Intelligent Resource Allocation and Service Optimization in 5G IoT Networks -- Chapter 9. Computational Intelligence based Optimal Service Placement in Fog-enabled IoT Networks -- Chapter 10. A study on Microservice Placement in the IoT-Fog Networks -- Chapter 11. Realtime IoT Offloading decision Strategy -- Chapter 12. IoT-Enabled 5G Smart Healthcare: Changing Patient Care and Connectivity -- Part IV. Case studies on Applied Computational Intelligence and 5G IoT Innovations for Industry 4.0 -- Chapter 13. Revolutionizing Agriculture: 5G-Enabled IoT Networks for Smart Farming -- Chapter 14. Real-Time Monitoring and Disease Detection in Greenhouses Using IoT and Deep Learning -- Chapter 15. Deep Learning-Driven IoT Framework for Detecting Pancreatic Neuroendocrine Tumors -- Chapter 16. Amalgamation of Computational Intelligence and 6G-enabled AIoT networks for Industry 4.0.

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### Sommario/riassunto

This book explores emerging interdisciplinary themes and applications reflecting advancements in Computational Intelligence (CI) for IoT and 5G networks. It is divided into four sections: Section 1 introduces Computational Intelligence and Sustainability Solutions for Next-Gen IoT Networks. Section 2 covers Optimization and Resilience Strategies for 5G-Enabled IoT Networks. Section 3 delves Intelligent Resource Allocation and Service Optimization in 5G IoT Networks. Section 4 presents Case studies on Applied Computational Intelligence and 5G IoT Innovations for Industry 4.0. This comprehensive work is essential for researchers and professionals interested in leveraging CI, IoT, and 5G technologies across diverse applications.

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