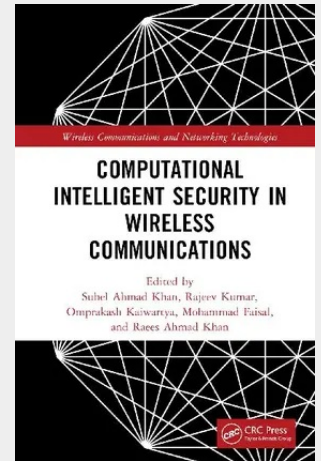


Computational Intelligent Security in Wireless Communications

Wireless network security research is multidisciplinary in nature, including data analysis, economics, mathematics, forensics, information technology, and computer science. This text covers cutting-edge research in computational intelligence systems from diverse fields on the complex subject of wireless communication security. It discusses important topics including computational intelligence in wireless network and communications, artificial intelligence and wireless communication security, security risk scenarios in communications, security/resilience metrics and their measurements, data analytics of cyber-crimes, modeling of wireless communication security risks, advances in cyber threats and computer crimes, adaptive and learning techniques for secure estimation and control, decision support systems, fault tolerance and diagnosis, cloud forensics and information systems, and intelligent information retrieval. The book: - Discusses computational algorithms for system modeling and optimization in security perspective - Focuses on error prediction and fault diagnosis through intelligent information retrieval via wireless technologies - Explores a group of practical research problems where security experts can help develop new data-driven methodologies - Covers application on artificial intelligence and wireless communication security risk perspective The text is primarily written for senior undergraduate, graduate students, and researchers in the fields of electrical engineering, electronics and communication engineering, and computer engineering. The text comprehensively discusses wide range of wireless communication techniques with emerging computational intelligent trends, to help readers understand the role of wireless technologies in applications touching various spheres of human life with the help of hesitant fuzzy sets based computational modeling. It will be a valuable resource for senior undergraduate, graduate students, and researchers in the fields of electrical engineering, electronics and communication engineering, and computer engineering.

This book cover data processing, engineering, forensics, computer science and information technology in perspective of wireless communication. It will be an ideal text for senior undergraduate, graduate students, and researchers in the fields of electrical engineering, electronics and communication engineering, and computer engineering.



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