



5G VEHICLE COMMUNICATION QOS EXPLORATIONS

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Cellular Vehicle-to-Everything (C-V2X) is a groundbreaking communication technology enabling vehicles to connect with other vehicles, pedestrians, cyclists, and roadside infrastructure. Through the evolution of 5G, C-V2X is set to offer higher throughput, lower latency, and enhanced reliability. 5G Vehicle Communication QoS Explorations probe into the challenges and innovations in ensuring continuous quality of service (QoS) in this imperative domain. Apart from that, this book provides an extensive review of the theoretical, regulatory, and practical dimensions of C-V2X communications within the 5G network. It offers a detailed analysis of QoS performance, making it an essential resource for engineers, researchers, and policymakers. With its blend of foundational theory, real-world case studies, and insights into future advancements, this book is an invaluable guide to understanding and advancing 5G-enabled vehicle communication systems.



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