

High-Efficient Intelligent Communication Technologies for Satellite-Terrestrial Integrated IoT Networks

This book summarizes the research team's findings on key IoT technologies, focusing on the demand for universal connectivity. It combines the advantages of satellites and IOT networks to propose a new, adaptable software-defined architecture. Addressing wide-area information collection and transmission, particularly in scenarios beyond ground base station coverage (e.g., maritime, aerial, or remote land), it uses satellites to enable timely and reliable mass user data transmission, and discusses basic theories and key technologies under time-sensitive requirements, offering feasible solutions for reference.

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