INNOVATIVE STRATEGIES FOR NETWORK OPTIMIZATION AND CONNECTIVITY

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INNOVATIVE STRATEGIES FOR NETWORK OPTIMIZATION AND CONNECTIVITY

Modern communication networks must be effective, dependable, and cutting edge in an ever-connected world. This book offers a selection of state-of-the-art studies and creative approaches aimed at improving the functionality of a range of network systems, such as pipeline monitoring systems, automobile networks, and the Internet of Things (IoT).

The book provides insightful information on the most recent technical developments by delving deeply into subjects including energy-efficient fog computing architectures, proactive routing algorithms, and traffic management in vehicle networks. This book is a vital resource for scholars, engineers, and business experts since each chapter offers realistic solutions and theoretical frameworks that tackle the particular difficulties faced by contemporary communication systems.

Regardless of your role in creating novel network technologies or seeking to enhance current systems, this book offers the expertise, and resources required to stimulate creativity and productivity in the ever-changing realm of wireless communication. It is a thorough manual that not only tackles issues of the present but also establishes the foundation for upcoming developments in network technology.

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