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## Nota di contenuto

Chapter 1 Introduction to Digital Twin Technologies in Infrastructure Engineering and Management -- Chapter 2 Digital Twins Technologies -- Chapter 3 Transportation infrastructure Engineering and Management -- Chapter 4 Digital Twins in TIEM -- Chapter 5 Digital Twins in Design and Construction -- Chapter 6 Digital Twins in Operation and Maintenance(O&P) -- Chapter 7 Future of Digital Twins in Infrastructure Engineering and Management.

## Sommario/riassunto

This book reveals the power of digital twin technologies in terms of optimizing the performance and maintenance of infrastructure assets. From roads, bridges, and tunnels to airports and smart cities, it will guide you through the latest advances in and use cases on this cutting-edge technology. You will come to understand the challenges involved in the development of digital twins and learn about the initiatives and projects underway to overcome them. Explore the potential of this technology in terms of reducing costs, improving system performance, and enhancing the overall infrastructure experience for users. Get ready to embark on a journey of understanding the future of transportation infrastructure management with digital twin technologies.