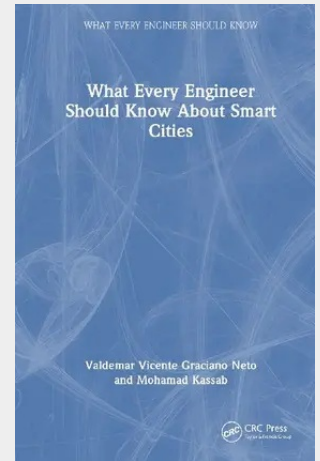


What Every Engineer Should Know About Smart Cities

Get ready to be at the forefront of the future of urban development! As cities continue to rapidly grow, the demand for sustainable and efficient infrastructure becomes more urgent. That's where What Every Engineer Should Know About Smart Cities comes in, offering a comprehensive guide to the concepts and technologies driving the transformation of our cities. Delve into the world of smart cities and discover how information and communication technologies are revolutionizing urban environments. With clear definitions and a focus on real-world applications, this book explores the benefits and challenges of smart cities. It also highlights interdisciplinary topics such as smart buildings, autonomous cars, and urban emergency management systems. This book is not just a theoretical exploration of smart cities. It goes beyond that by providing an in-depth look at the key technologies that are essential to creating smart cities. From the Internet of Things and blockchain to digital twins and modeling and simulations, readers will gain a solid understanding of the foundational technologies that make smart cities possible. With detailed discussions and real-world examples of smart mobility, smart health, smart education, and smart agribusiness, readers will gain a deep understanding of the requirements and characteristics that engineers need to contribute to the development of smart cities. Whether you're an engineer looking to expand your knowledge, a city planner seeking to understand the latest trends, or simply someone interested in the future of urban living, What Every Engineer Should Know About Smart Cities is the ultimate guide to unlocking the potential of smart cities for sustainable urban development and improved quality of life.

What Every Engineer Should Know About Smart Cities offers a broad view of the concepts and technologies involved in smart cities and an ascending paradigm on how to employ technology to make urban environments smarter.



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