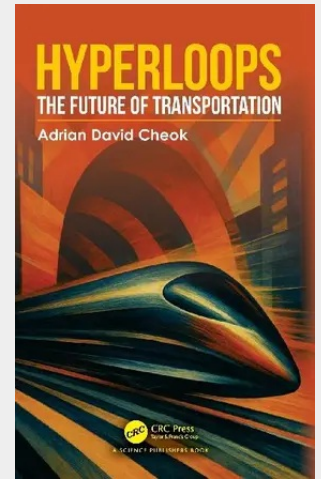


David Cheok

Hyperloops

The Future of Transportation

"Hyperloops: The Future of Transportation" is a cutting-edge exploration of one of the most exciting advancements in modern transit—the Hyperloop. This book dives into the origins of the Hyperloop concept, which promises to revolutionize our concept of distance and time through high-speed, sustainable, and efficient travel. It contextualizes the Hyperloop within the legacy of transportation technologies, drawing lines from past innovations to the potential future that this new mode of transport heralds. Beginning with the genesis of the Hyperloop idea, the book breaks down complex engineering principles into digestible segments, explaining how it manages to reduce friction and air resistance to achieve unprecedented speeds. Safety is also paramount; the book addresses the rigorous standards and innovative safety measures that are essential for protecting passengers while traveling at over 700 miles per hour. Beyond the technology itself, the book evaluates the economic and environmental impacts of implementing Hyperloop systems across various geographies. It provides a detailed cost-benefit analysis, assessing how Hyperloops could disrupt current transportation models, reduce carbon footprints, and even reshape urban and rural economies. The narrative also contemplates the societal changes that could follow, from altering commuting patterns to creating new urban development paradigms. With global case studies, the book paints a vivid picture of ongoing projects in different continents and their unique challenges and milestones. As it moves towards the conclusion, the book doesn't shy away from discussing the hurdles that lie ahead, including technological, regulatory, and infrastructural challenges. In its epilogue, the book looks to a future fast-tracked by Hyperloop technology, inspiring readers to imagine a world where time and distance constraints are markedly lessened, paving the way for a more interconnected and accessible world.



161,90 €

161,90 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781032881409

Medium: Buch

ISBN: 978-1-032-88140-9

Verlag: CRC Press

Erscheinungstermin: 02.12.2025

Sprache(n): Englisch

Auflage: 1. Auflage 2025

Produktform: Gebunden

Gewicht: 440 g

Seiten: 180

Format (B x H): 161 x 240 mm

