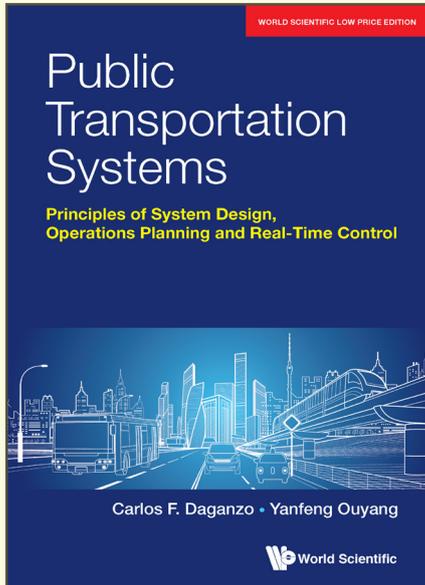


Public Transportation Systems

Principles of System Design, Operations Planning and Real-Time Control



By **Carlos F. Daganzo**

(University of California, Berkeley, USA)

Yanfeng Ouyang

(University of Illinois at Urbana-Champaign, USA)

ISBN	9781944660321
Extent	512pp
Binding	Paperback
Year	2023
Price	Rs. 2095

ABOUT THE BOOK

This unique book explains how to think systematically about public transportation through the lens of physics models. The book includes aspects of system design, resource management, operations and control. It presents both, basic theories that reveal fundamental issues, and practical recipes that can be readily used for real-world applications. The principles conveyed in this book cover not only traditional transit modes such as subways, buses and taxis but also the newer mobility services that are being enabled by advances in telematics and robotics.

Although the book is rigorous, it includes numerous exercises and a presentation style suitable for senior undergraduate or entry-level graduate students in engineering. The book can also serve as a reference for transportation professionals and researchers keen in this field.

READERSHIP

Researchers, professionals, senior undergraduate and graduate students in civil engineering, systems engineering and operations management.

CONTENTS

- Transit Basics
- Analysis Tools
- Planning — General Ideas
- Planning — Shuttle Systems
- Planning — Corridors
- Planning — Networks

- Planning — Flexible Transit
- Management — Vehicle Fleets
- Management — Staffing
- Operations — Reliable Transit Service
- Epilogue: Economics and Pricing

For orders and enquiries, please contact us:



FEELBOOKS PVT. LTD.

DELHI	4381/4 Ansari Road, Daryaganj, New Delhi 110002 Pushendra Kumar	Mobile: +91 9015043442	Tel: +91-11-47472630 Email: orders@feelbooks.in
BENGALURU	C-22, Brigade MM, KR Road, Jayanagar 7th Block, Bengaluru 560070 Shekar Reddy	Mobile: +91 9945234476	Tel: +91-80-26762129 Email: bangalore@feelbooks.in
MUMBAI	Vijay Kumar	Mobile: +91 9871176434	Email: vkumar@feelbooks.in
CHENNAI	G Srinivasan	Mobile: +91 9003047502	Email: gsrinivasan@feelbooks.in
KOLKATA	Dhrubajyoti Bhattacharjee	Mobile: +91 9836160013	Email: dbhattacharjee@feelbooks.in
HYDERABAD	K.S.Vishwanath	Mobile: +91 9871745850	Email: kvishwanath@feelbooks.in

For Catalogues & title lists: marketing@feelbooks.in



www.feelbooks.in



For any queries, please email us at marketing@feelbooks.in