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Titolo	Challenges and solutions for present transport systems // edited by Grzegorz Sierpiski, Houshmand Masoumi, Elbieta Macioszek
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Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 609
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Note generali	Includes index.
Nota di contenuto	Identification of Barriers to Ensuring Accessibility Standards for Tram Stops to the Needs of People with Disabilities -- The Use of Multi-Criteria Methods in the Problem of Selecting Vehicles for Oversize Cargo Transport -- Problems of Assessing the Technical Condition of Transport Means on the Example of the Means of Air Transport -- The Use of Automatic Passenger Counting Systems Data in Financial Settlement Models in Public Transport -- Comparative Analysis of Transport Tariffs and Operating Ticket Distribution Channels in Selected Agglomerations -- Commuter Rail Service Quality: A Case Study of Rhine-Ruhr Metropolitan Region -- Money is Not Everything - is Integrated Transport Only About Investments? -- Determination of Transport Plans in Urban Areas Considering Zero-Emission Vehicles -- Vehicle Choice for Sustainable Regional Railway.
Sommario/riassunto	This book contains an abundance of numerical analyses based on significant data sets, illustrating the close affiliation between transport systems development and quality of life. How to ensure accessibility standards for public transport for people with special needs? Which multi-criteria methods can support the problem of vehicle selection in freight transport, and which ones should be taken into account in the case of problems related to regional rail transport? What kind of How to assess technical condition of transport means? What factors should be

taken into account when assessing the quality of passenger service? How to include zero emission vehicles in the consideration of transport plans? This book provides you with answers to these and many other questions. With regard to the research results discussed and the selected solutions applied, the book primarily addresses the needs of three target groups: Scientists and researchers (ITS field) Local authorities (responsible for the transport systems at the urban and regional level) Representatives of business (traffic strategy management) and industry (manufacturers of ITS components). This book gathers selected papers presented at the 18th "Transport Systems. Theory and Practice" Scientific and Technical Conference organised by the Department of Transport Systems, Traffic Engineering and Logistics at the Faculty of Transport and Aviation Engineering of the Silesian University of Technology. The conference was held on 19-20 September 2022 in Katowice (Poland).

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