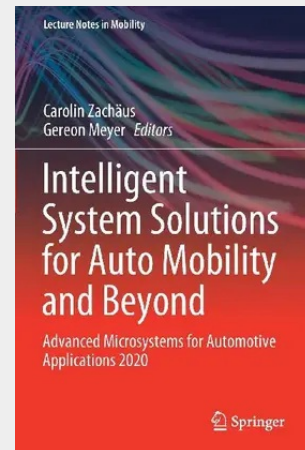


Intelligent System Solutions for Auto Mobility and Beyond

Advanced Microsystems for Automotive Applications 2020

This book gathers papers from the 23rd International Forum on Advanced Microsystems for Automotive Applications (AMAA 2020) held online from Berlin, Germany, on May 26-27, 2020. Focusing on intelligent system solutions for auto mobility and beyond, it discusses in detail innovations and technologies enabling electrification, automation and diversification, as well as strategies for a better integration of vehicles into the networks of traffic, data and power. Further, the book addresses other relevant topics, including the role of human factors and safety issues in automated driving, solutions for shared mobility, as well as automated bus transport in rural areas. Implications of current circumstances, such as those generated by climate change, on the future development of auto mobility, are also analysed, providing researchers, practitioners and policy makers with an authoritative snapshot of the state-of-the-art, and a source of inspiration for future developments and collaborations.

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160,49 €

149,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783030658731

Medium: Buch

ISBN: 978-3-030-65873-1

Verlag: Springer

Erscheinungstermin: 12.12.2021

Sprache(n): Englisch

Auflage: 1. Auflage 2021

Serie: Lecture Notes in Mobility

Produktform: Kartoniert

Gewicht: 435 g

Seiten: 270

Format (B x H): 155 x 235 mm

