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A Data-Driven Car-Following Model that Considers Impacts of Car-Truck Combinations.

Sommario/riassunto

This book constitutes the Proceedings of The Third International Conference on Smart Vehicular Technology, Transportation, Communication and Applications (VTCA 2019), Arad, Romania, held on October 15–18 October 2019 in Arad, Romania. This edition is technically co-sponsored by “Aurel Vlaicu” University of Arad, Romania, Southwest Jiaotong University, Fujian University of Technology, Chang’ an University, Shandong University of Science and Technology, Fujian Provincial Key Lab of Big Data Mining and Applications, and National Demonstration Center for Experimental Electronic Information and Electrical Technology Education (Fujian University of Technology), China, Romanian Academy and General Association of Engineers in Romania - Arad Section. The book covers a range of topics including algorithms for optimization, video processing, parking management, IoT, software testing, cryptanalysis, NLP, CNN, wireless sensors network, adaptive security, data protection, green transportation, AI, smart cities, train control, analytic hierarchy process, big data, car following model, etc. The books help to disseminate the knowledge about some active research directions in the field Vehicle Technology and Communication. The book provides useful information to professors, researchers and graduated students in area of Vehicle Technology and Communication.
