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Enhancement for In-Car Communication Systems -- 15 Driver Behavior-Aware Cooperative Ramp Merging for Intelligent Vehicles -- 16 Personalized Lane Changes Using Subjective Risk-Sensitive Framework -- 17 Human-Interpretable Learning-Based Automated Driving Systems -- 18 On the Importance of Quantifying Visibility for Autonomous Vehicles Under Extreme Precipitation -- About the editors -- Index

Sommario/riassunto

This book features works from world-class experts from academia, industry, and national agencies focusing on a wide spectrum of automotive fields towards humanvehicle harmonization covering in-vehicle signal processing, driver modeling, systems and safety. The essays collected in this volume present cutting-edge studies on safety, driver behavior, infrastructure, and human-to-vehicle interfaces.
