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Nota di contenuto	Introduction -- The Challenges for Automated Driving Systems Realization in Japn: SIP-adus -- U.S. Policy and Regulation of Automated Vehicle -- Regulation of in-service safety risks of automated vehicles -- Local Roadmaps for Autonomous Vehicles: Guidance for High-Impact, Low-Cost Policy -- Artificial Intelligence for Autonomous Vehicle Control and Traffic Operations: Challenges and Opportunities -- Autonomous Shuttles and Buses: From Demonstrations to Deployment -- Future Threats to Connected and Automated Vehicles -- Generic Cooperative Adaptive Cruise Control Architecture for Heterogeneous Strings of Vehicles -- Public and Private Sector Collaboration to Advance Automated Driving Systems Testing and Deployment.
Sommario/riassunto	This book is the eight volume of a sub-series on Road Vehicle Automation, published as part of the Lecture Notes in Mobility. Written by researchers, engineers and analysts from around the globe, the contributions are based on oral and poster presentations from the

Automated Vehicles Symposium (AVS) 2020, held on July 27–30, 2020, as a fully virtual event. The book explores public sector activities, human factors aspects, vehicle systems and other related technological developments, as well as transportation infrastructure planning, which are expect to foster and support road vehicle automation.