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Nota di contenuto	New Chassis Systems Handling and Vehicle Dynamics NVH - Acoustics and Vibration in the Chassis Smart Chassis, ADAS, and Autonomous Driving Lightweight Design Innovative Brake Systems Brakes and the Environment Electronic Chassis Systems Virtual Chassis Development and Homologation Innovative Steering Systems and Steer-by-Wire Development Process, System Properties and Architecture Innovations in Tires and Wheels
Sommario/riassunto	The increasing automation of driving functions and the electrification of powertrains present new challenges for the chassis with regard to complexity, redundancy, data security, and installation space. At the same time, the mobility of the future will also require entirely new vehicle concepts, particularly in urban areas. The intelligent chassis must be connected, electrified, and automated in order to be best prepared for this future. Contents New Chassis Systems.- Handling and Vehicle Dynamics.- NVH - Acoustics and Vibration in the Chassis.- Smart Chassis, ADAS, and Autonomous Driving.- Lightweight Design.- Innovative Brake Systems.- Brakes and the Environment.- Electronic Chassis Systems.- Virtual Chassis Development and Homologation.- Innovative Steering Systems and Steer-by-Wire.- Development Process, System Properties and Architecture.- Innovations in Tires and Wheels. Target audiences Automotive engineers and chassis specialists as well as students looking for state-of-the-art information regarding their

field of activity - Lecturers and instructors at universities and universities of applied sciences with the main subject of automotive engineering - Experts, researchers and development engineers of the automotive and the supplying industry Publisher ATZ live stands for top quality and a high level of specialist information and is part of Springer Nature, one of the leading publishing groups worldwide for scientific, educational and specialist literature. Partner TUV SUD is an international leading technical service organisation catering to the industry, mobility and certification segment.
