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Nota di bibliografia	Includes bibliographical references (p. 450-466).
Nota di contenuto	1. Introduction -- 2. Vibration Theory -- 3. Ride and Handling -- 4. Installation -- 5. Fluid Mechanics -- 6. Valve Design -- 7. Damper Behavior -- 8. Adjustables -- 9. Specifying a Damper -- 10. Testing.
Sommario/riassunto	This book provides comprehensive coverage of the design, installation and use of the shock absorber. Among the subjects highlighted are fluid dynamics, valve characteristics, damper characteristics, installation and motion ratios, and influence on vehicle ride and handling. Numerous example installations are described and discussed. Testing machines, as well as methods of laboratory testing, are also described in detail. The widely varying characteristics of variable dampers, and the relationship to their design features, are explained.