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Nota di contenuto	Vehicle refinement: purpose and targets; The measurement and behaviour of sound; Exterior noise: assessment and control; Interior noise: assessment and control; The measurement and behaviour of vibration; Sources of vibration and their control
Sommario/riassunto	High standards of NVH (Noise, Vibration and Harshness) performance are expected by consumers of all modern cars. Refinement is one of the main engineering and design attributes to be addressed in the course of developing new vehicle models and vehicle components. Written for students and engineering practitioners, this is the first book to address automotive NVH. It will help readers to understand and develop quieter, more comfortable cars. With chapters on the fundamentals of acoustics and detailed coverage of practical engineering solutions for noise control issues it is suitable for students of automotive engineering and engineers who havent been trained in acoustics, and will be an important reference for practicing engineers in the motor industry. The first book devoted to the refinement of noise and vibration in automobiles Combines a detailed explanation of the fundamentals of acoustics and the science behind vehicle noise and vibration with practical tips and know-how for noise and vibration control. Based on real world experience with a variety of automotive companies including

