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Autore	Wu Xuezhong
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Soggetti	Microtechnology Microelectromechanical systems Manufactures Automatic control Robotics Automation Mechanics Civil engineering Microsystems and MEMS Machines, Tools, Processes Control, Robotics, Automation Classical Mechanics Civil Engineering
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Nota di contenuto	Introduction -- Operating Principle and Structure of Cylindrical Vibratory Gyroscope -- Theoretical Analysis and Modeling of Cylindrical Vibratory Gyroscope -- Dynamic Analysis and Modeling of Cylindrical Vibratory Gyroscope -- Manufacture of Cylindrical Vibratory Gyroscope -- Parameter Test Method of Cylindrical Vibratory Gyroscope -- Closed-loop Control of Cylindrical Vibratory Gyroscope -- Error Mechanism and Compensation of Cylindrical Vibratory Gyroscope.
Sommario/riassunto	This book introduces readers to the shell structure, operating principle, manufacturing process, and control theory for cylindrical vibratory gyroscopes. The cylindrical vibratory gyroscope is an important type of

Coriolis vibratory gyroscope that holds considerable potential for development and application. The main aspects addressed include: operating principle and structure, theoretical analysis and modeling, dynamic analysis and modeling, manufacturing process, parameter testing methods, closed-loop control, and the error compensation mechanism in cylindrical vibratory gyroscopes.
