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Nota di contenuto	Impact of Maintenance; Financial Implications and Cost Justification; Role of Maintenance Organization; Benefits of Predictive Maintenance; Machine-Train Monitoring Parameters; Predictive Maintenance Techniques; Vibration Monitoring and Analysis; Thermography; Tribology; Process Parameters; Other Methods; Visual Inspection; Operating Dynamics Analysis; Failure-Mode Analysis; Establishing a Predictive Maintenance Program; A Total Plant Predictive Maintenance Program; Maintaining the Program; World-class Maintenance
Sommario/riassunto	This second edition of An Introduction to Predictive Maintenance helps plant, process, maintenance and reliability managers and engineers to develop and implement a comprehensive maintenance management program, providing proven strategies for regularly monitoring critical process equipment and systems, predicting machine failures, and scheduling maintenance accordingly. Since the publication of the first edition in 1990, there have been many changes in both technology and methodology, including financial implications, the role of a maintenance organization, predictive maintenance techniques, various analyses, and maintenance of the program itself. This revision includes a complete update of the applicable chapters from the first edition as well as six additional chapters outlining the most recent information available. Having already been implemented and maintained successfully in hundreds of manufacturing and process plants

worldwide, the practices detailed in this second edition of An Introduction to Predictive Maintenance will save plants and corporations, as well as U.S. industry as a whole, billions of dollars by minimizing unexpected equipment failures and its resultant high maintenance cost while increasing productivity. * A comprehensive introduction to a system of monitoring critical industrial equipment * Optimize the availability of process machinery and greatly reduce the cost of maintenance * Provides the means to improve product quality, productivity and profitability of manufacturing and production plants
