Practical Machinery Vibration Analysis And Predictive Maintenance

Practical Machinery Vibration Analysis and Predictive Maintenance provides a detailed examination of the detection, location and diagnosis of faults in rotating and reciprocating machinery using vibration analysis. The text organizes underlying physics of vibration signals for effective analysis. The acquisition and processing of signals is then followed by a discussion of machinery fault diagnostics using vibration analysis. In addition, this book presents several case studies of vibration analysis to illustrate the rotating machinery diagnosis. Also, this book shows applications of vibration analysis to identify faults in rotating machinery. This book is aimed at researchers, students, and practitioners working in the field of vibration analysis and predictive maintenance of rotating machinery.

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