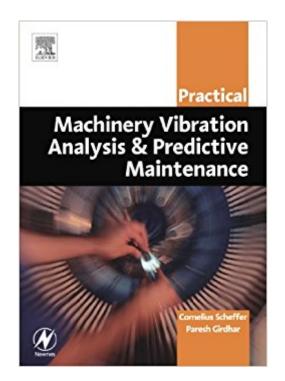


The book was found

Practical Machinery Vibration Analysis And Predictive Maintenance (Practical Professional Books From Elsevier)





Synopsis

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 basics and underlying physics of vibration signals are first examined. The acquisition and processing of signals is then reviewed followed by a discussion of machinery fault diagnosis using vibration analysis. Hereafter the important issue of rectifying faults that have been identified using vibration analysis is covered. The book also covers the other techniques of predictive maintenance such as oil and particle analysis, ultrasound and infrared thermography. The latest approaches and equipment used together with the latest techniques in vibration analysis emerging from current research are also highlighted.Understand the basics of vibration measurementApply vibration analysis for different machinery faultsDiagnose machinery-related problems with vibration analysis techniques

Book Information

Series: Practical Professional Books from Elsevier Paperback: 272 pages Publisher: Newnes; 1 edition (September 23, 2004) Language: English ISBN-10: 0750662751 ISBN-13: 978-0750662758 Product Dimensions: 7.5 x 0.6 x 10.5 inches Shipping Weight: 1.4 pounds (View shipping rates and policies) Average Customer Review: 5.0 out of 5 stars 2 customer reviews Best Sellers Rank: #403,805 in Books (See Top 100 in Books) #50 inà Â Books > Business & Money > Processes & Infrastructure > Facility Management #234 inà Â Books > Engineering & Transportation > Engineering > Mechanical > Machinery #321 inà Â Books > Science & Math > Physics > Dynamics

Customer Reviews

Develop and apply a predictive maintenance regime for machinery based on the latest vibration analysis and fault rectification techniques.

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very informative material for the maintenance professional

I bought this book few years ago when I started teaching in the university. It is very useful book, and provide all information you need to know as a Predictive Maintenance Engineer or as a Maintenance Planner. The book focus mainly on Vibration and provide a very good guide on both Oil Analysis & Wear Analysis approaches. I can say it provide information up to Level 3 for Vibration include how to detect unbalance, misalignment, belt problems, bearing problems, shaft bent issues, and gearbox problems. I found this book a very good one for making my presentations and preparing some lectures in the university. Thanks to the Author and to the Publisher. Great Work!

Practical Machinery Vibration Analysis and Predictive Maintenance (Practical Professional Books from Elsevier) ISO 2631-2:2003, Mechanical vibration and shock - Evaluation of human exposure to whole-body vibration - Part 2: Vibration in buildings (1 Hz to 80 Hz) ISO 13753:1998, Mechanical vibration and shock - Hand-arm vibration - Method for measuring the vibration transmissibility of resilient materials when loaded by the hand-arm system Vehicle Maintenance Log: Vehicle Maintenance Log Template: Car Maintenance â⠬⠜ Reminder | Log Book | Mileage Log | Repairs And Maintenance | Everything ... | 5.5 x 8.5â⠬• small & compact (Volume 1) Analytics: Business Intelligence, Algorithms and Statistical Analysis (Predictive Analytics, Data Visualization, Data Analytics, Business Analytics, Decision Analysis, Big Data, Statistical Analysis) Analytics: Data Science, Data Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical Analysis, Business Analytics, Data Mining, Big Data) Car Maintenance Record Book: Car Maintenance - Repair Log Book Journal. Log Date, Mileage, Repairs And Maintenance - Repair Log Book Journal. Log Date, Mileage, Repairs And Maintenance - Repair Log Book Journal. Log Date, Mileage, Repairs And Maintenance. Notebook With 100 Pages. (Auto Books) Spatial Control of Vibration: Theory and Experiments (Stability, Vibration and Control of Systems, Series A) Complete Guide to Preventive and Predictive Maintenance Marine Vessel Safety Check & Maintenance Log (Logbook, Journal -

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