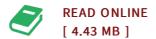




Machine Vibration Analysis and Health Monitoring

By Mustapha Mjit

VDM Verlag Feb 2011, 2011. Taschenbuch. Book Condition: Neu. 220x150x6 mm. This item is printed on demand - Print on Demand Neuware - This book describes a methodology for early fault detection and diagnostics in an ocean turbine using vibration analysis and Finite Element Modeling. This methodology relies on the use of advanced methods for machine vibration analysis and health monitoring. Because of some issues encountered with traditional methods such as Fourier analysis for non stationary rotating machines, the use of more advanced methods such as Time-Frequency Analysis is required. This book also includes the development of two LabVIEW models. The first model combines the advanced methods for on-line condition monitoring. The second model performs the modal analysis to find the resonance frequencies of the sub-systems of the turbine. The dynamic modeling of the turbine using Finite Element Analysis is used to estimate the baseline of vibration signals in sensors locations under normal operating conditions of the turbine. All this information is necessary to perform the vibration condition monitoring of the machine. 104 pp. Englisch.



Reviews

Merely no words to explain. I really could comprehended everything out of this published e ebook. I found out this publication from my dad and i suggested this publication to learn.

-- Prof. Margarita Ledner PhD

This written pdf is fantastic. It normally is not going to expense a lot of. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- Gilbert Stroman

Related PDFs



The genuine book marketing case analysis of the the lam light. Yin Qihua Science Press 21.00(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date: 2007-01-01 Pages: 244 Publisher: Science Press Welcome Our service and quality to your satisfaction. please tell your friends...



Prevent-Teach-Reinforce for Young Children: The Early Childhood Model of Individualized Positive Behavior Support

Brookes Publishing Co. Paperback. Book Condition: new. BRAND NEW, Prevent-Teach-Reinforce for Young Children: The Early Childhood Model of Individualized Positive Behavior Support, Glen Dunlap, Kelly Wilson, Phillip S. Strain, Janice K. Lee, "Learn more about the insights in this book in online...



Preschool education research methods(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2013-08-01 Language: Chinese Publisher:. Nanjing University Press only genuine new book - book shelves No picture if you...



Rumpy Dumb Bunny: An Early Reader Children s Book

Createspace, United States, 2014. Paperback. Book Condition: New. 203 x 133 mm. Language: English. Brand New Book ***** Print on Demand *****.Rumpy is a dumb bunny. He eats poison ivy for breakfast and annoys the other forest creatures with his dim-witted...



A Year Book for Primary Grades; Based on Froebel's Mother Plays

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English. Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original...



Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large

Madelyn D R Books. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in. This book is about my cousin, Billy a guy who taught me a lot over the years and who can teach you a lot. Everyone who...