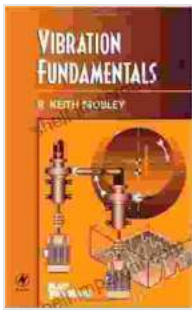


# Vibration Fundamentals: Plant Engineering and Maintenance

Vibration is a common problem in industrial plants, and it can have a significant impact on productivity and safety. This comprehensive guide provides an in-depth understanding of vibration fundamentals as they apply to plant engineering and maintenance, helping you to identify, diagnose, and resolve vibration problems.



## Vibration Fundamentals (Plant Engineering Maintenance (Hardback)) by R. Keith Mobley

★★★★★ 5 out of 5

Language : English

File size : 5911 KB

Text-to-Speech: Enabled

Screen Reader: Supported

Print length : 304 pages



The book is divided into three parts:

### 1. **Part 1: Vibration Fundamentals**

This part provides a theoretical foundation for understanding vibration, including concepts such as frequency, amplitude, and resonance. It also discusses the different types of vibration that can occur in industrial plants, and the sources of vibration.

### 2. **Part 2: Vibration Measurement and Analysis**

This part describes the different methods used to measure and analyze vibration, including vibration sensors, data acquisition systems, and vibration analysis software. It also provides guidance on troubleshooting vibration problems using vibration data.

### 3. **Part 3: Vibration Control**

This part discusses the different methods used to control vibration in industrial plants, including vibration isolation, vibration damping, and vibration monitoring. It also provides guidance on selecting and implementing vibration control measures.

This book is an essential resource for plant engineers, maintenance technicians, and anyone else who is responsible for managing vibration problems in industrial plants. It is also a valuable reference for students and researchers in the field of vibration engineering.

### **Benefits of Reading This Book**

- Gain a deep understanding of vibration fundamentals
- Learn how to measure and analyze vibration
- Discover the different methods used to control vibration
- Troubleshoot vibration problems in industrial plants
- Improve productivity and safety

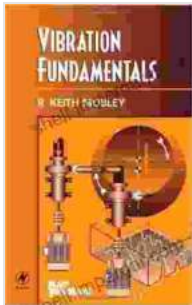
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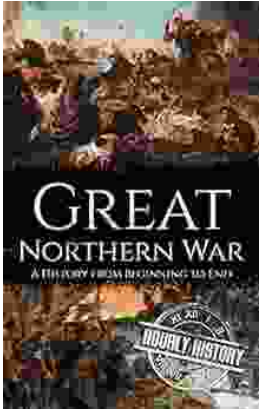
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