

## Contents:

- Introduction to Modal Analysis
- Modal Analysis of 1-DOF Systems
- Modal Analysis of MDOF systems (Damped and Undamped)
- Complex Modes
- Characteristics and Presentation of MDOF FRF Data
- Generalized Inverses
- Mode Indicator Functions
- Modal Analysis in Frequency Domain
- Modal Identification Methods of Ambient Vibration of Structures
- Digital Signal Processing
- Experimental Modal Testing
- Case Study