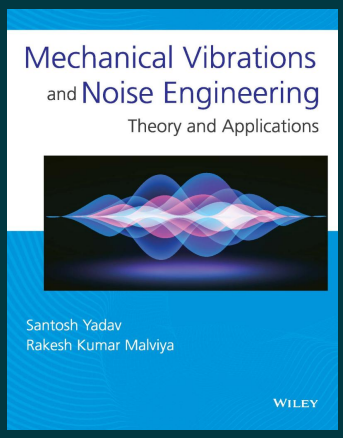
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Mechanical Vibrations and Noise Engineering: Theory and Applications

By Santosh Yadav, Rakesh Kumar Malviya

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Description

Mechanical Vibrations and Noise Engineering is a comprehensive textbook written for undergraduate and postgraduate students of mechanical, civil, aeronautical and automobile engineering. The book provides a unified presentation of the fundamental aspects of mechanical vibrations and noise engineering. Beginning with the analysis of undamped and damped free vibrations, the book explores the analytical methods to calculate the natural frequency, equivalent stiffness, time period, damping factor, damped natural frequency, logarithmic decrement, transmissibility, amplitude of force vibrations, critical speed of shaft, and frequency of torsional vibrations.

About the Author

Santosh Yadav, Rakesh Kumar Malviya

Prof. Santosh Yadav is currently Assistant Professor in the Department of Mechanical Engineering, Shri Vaishnav Institute of Technology and Science, Shri Vaishnav Vidyapeeth Viswavidyalaya, Indore, India. Prof. Yadav has more than six years of industry, teaching

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