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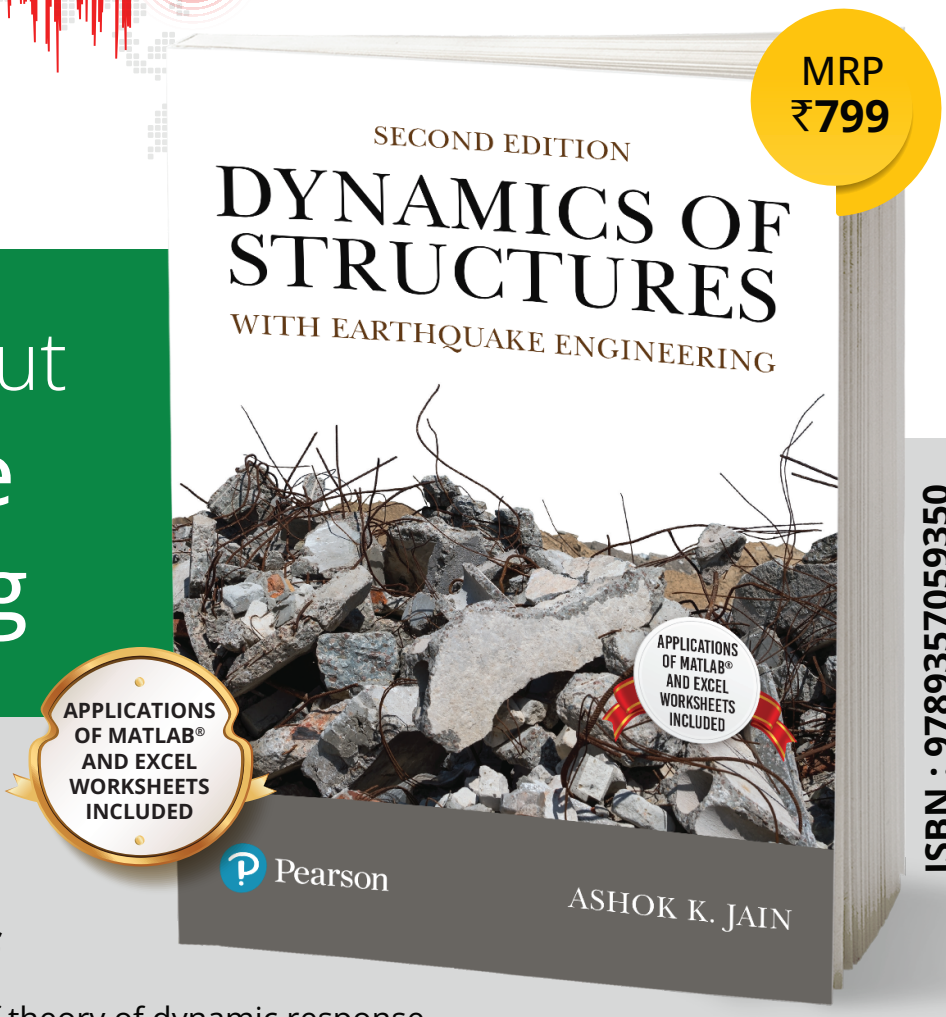
Know all about earthquake engineering



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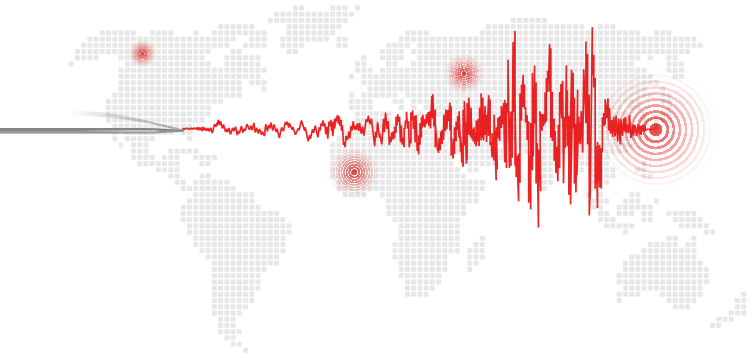
Key Features

- Lucid coverage of theory of dynamic response of single and multi-degree-of-freedom systems, elastic and inelastic response spectra and acceleration-displacement response spectra
- Exhaustive coverage of computation of modal response, air blast loading, static and dynamic wind loads, algorithms for linear and non-linear analysis, elastic and inelastic behaviour, ductility, energy dissipating systems and performance-based design
- Incorporates Indian, American and European specifications, including FEMA documents
- NEW **Chapter 13** - Analysis of Bridges for Earthquake Force
  Chapter 14 - Analysis of Liquid Retaining Structures for Earthquake Force
- Includes 175+ solved examples and 400 review problems

Authored by:

Dr. Ashok K. Jain, recipient of several awards, has been a Research Fellow at the University of Michigan, a Visiting Professor at the McGill University, Montreal and the Head of Civil Engineering Department, I.I.T. Roorkee.



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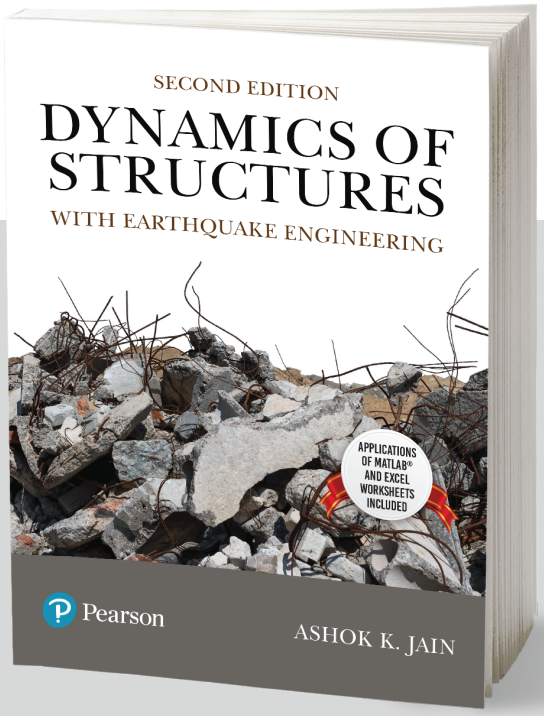

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What's special about the book?

Dynamics of Structures with Earthquake Engineering, 2e is an ideal offering for undergraduate and postgraduate students pursuing a first course in Earthquake Engineering, Dynamics of Structures or Structural Dynamics. The fundamentals of dynamic behaviour of structures and earthquake engineering have been vastly expanded with this edition.

#PrepareWell