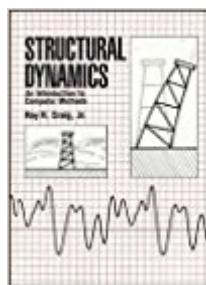


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Structural Dynamics: An Introduction To Computer Methods



Synopsis

Provides the basic material needed to use structural dynamics computer programs and to do structural dynamics testing. Introduces the numerical techniques underlying finite element computer codes through use of ``hand'' solutions and the coding of several subroutines in FORTRAN and BASIC. Emphasizes the mathematical modelling of structures and the methods for solving structural dynamics problems with a digital computer. Presents solution techniques applicable to various engineering disciplines.

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While retaining much material covered in classical texts on structural dynamics and vibrations, this text emphasizes the mathematical modelling of structures and the methods for solving structural dynamics problems with a digital computer. Using a systematic approach, it thoroughly reviews the basic principles of structural dynamics, presenting solution techniques that apply to various

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Classical book on Structural Dynamics despite of your age (1981)

Made the concepts very clear. Learned a lot from this book!!!

Thanks

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