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Complex networks: Structure and dynamics - ScienceDirect

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Structural dynamics - Wikipedia
Designed for senior-level and graduate courses in Dynamics of Structures and Earthquake Engineering. The text includes many topics encompassing the theory of structural dynamics and the application...

Dynamics of Structures: Theory and Applications to ...
[3]Cheng, Franklin Y., Matrix Analysis of Structural Dynamics: Applications and Earthquake Engineering, Marcel Dekker, 2000. [4]Chopra, Anil K., Dynamics of Structures: Theory and Applications to Earthquake Engineering, Prentice-Hall College Div., 2000. [5]Chopra, Anil K.. Earthquake Dynamics of Structures: A Primer, 2nd edition Earthquake ...

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Structural dynamics of two- and three-dimensional structures using approximate and finite element methods. Computational aspects of the structural dynamics eigenvalue problem. Vibrations of Timoshenko beams. Numerical integration schemes for response calculations.