

VIBRATION PROBLEMS
IN ENGINEERING

FOURTH EDITION

S. TIMOSHENKO
D. H. YOUNG
W. WEAVER, JR.

Timoshenko Vibration Problems In Engineering

Thomas Griffiths



Timoshenko Vibration Problems In Engineering:

Vibration Problems in Engineering W. Weaver, Jr., S. P. Timoshenko, D. H. Young, 1991-01-16 The Fifth Edition of this classic work retains the most useful portions of Timoshenko's book on vibration theory and introduces powerful modern computational techniques The normal mode method is emphasized for linear multi degree and infinite degree of freedom systems and numerical methods dominate the approach to nonlinear systems A new chapter on the finite element method serves to show how any continuous system can be discretized for the purpose of simplifying the analysis Includes revised problems examples of applications and computer programs

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