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the book presents the theory of free forced and transient vibrations of single degree two degree and multi degree of freedom undamped and damped lumped parameter systems and its applications free and forced vibrations of undamped continuous systems are also covered numerical methods like holzers and myklestad are also presented in matrix form finite element method for vibration problem is also included nonlinear vibration and random vibration analysis of mechanical systems are also presented the emphasis is on modelling of engineering systems examples

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## Manual

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