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2.0 Theory: Dynamics of Structures To understand the experiment it is necessary to understand concepts in
dynamics of structures. This section will provide these concepts, including the development of the
differential equation

INTRODUCTION TO DYNAMICS OF STRUCTURES - Purdue Engineering

A.K. Chopra, Dynamics of Structures. Theory and application to Earthquake Engineering, Prentice-Hall,
Upper Saddle River, N.J., 2001. Geradin, M. and Rixen, D., Mechanical Vibrations, Theory and Applications
to Structural Dynamics, 2nd ed., Wiley, Chichester, 1997. I. Langen and R. Sigbjörnsson, Dynamisk
Analyse av Konstruktioner, Tapir ...

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Anexample 2 MDOFSYSTEM MDOFSYSTEM SolutionofEquationofmotion 3 Conclusions Roberto Tomasi
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Dynamics of Structures - Elements of structural dynamics

R.W. Clough and J. Penzien ~Dynamics of Structures~ 1975 A.K.. Chopra ~Dynamics of Structures:
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