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2-032 an . Title: all.tif Author: perrigo Created Date: 1/11/2005

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Engineering Mechanics: Dynamics • Basis of rigid body dynamics
-Newton's 2nd law of motion •A particle of mass "m" acted upon by an unbalanced force "F" experiences an acceleration "a" that has the same direction as the force and a magnitude that is directly proportional to the force •a is the resulting acceleration measured in a non-

Engineering Mechanics: Dynamics Dynamics

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Lecture Notes / Marine Hydrodynamics (13.021) / Mechanical ...

Dynamics and Vibrations - Notes. Syllabus and Lecture Notes. Course Goals: on completing EN0040, students will: Be able to idealize a simple mechanical system or component as a collection of particles or rigid bodies, and to use Newtonian mechanics, with the aid of analytical or computational methods, to analyze forces and motion in the idealized system.

Dynamics and Vibrations - Notes

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