

Dynamics Review - Topic 4

ME3050 - Dynamics Modeling and Controls

May 29, 2020

Particles and Bodies

Lecture 2 - Particles and Bodies

- What is a Rigid Body?
- Mathematical Definition of Rigid Body Motion
- Is rigid body motion realistic?
- Examples

What is a Rigid Body?

- Blah
- Blah
- Blah blah

What is Dynamics?

"Dynamics is the study of how moving objects behave. Dynamics is the part of mechanics that studies movement and its causes. The study of the causes of motion and changes in motion is known as dynamics. Dynamics is the study of how moving objects behave."

"The dynamical system concept is a mathematical formalization for any fixed "rule" which describes the time dependence of a point's position in its ambient space. "

Dynamics in Mechanical Engineering

Why are we studying Dynamics?

Examples

Cool Stuff...