

Chapter 1. Introduction

Section 1.1. Engineering Mechanics

Note. I quote from the book:

“How do engineers design complex systems and predict their characteristics before they are constructed? ... They must have a deep understanding of the physics underlying these devices and must be familiar with the use of mathematical models to predict systems behavior. Students of engineering begin to learn how to analyze and predict the behavior of physical systems by studying mechanics.... Elementary mechanics is divided into *statics*, the study of objects in equilibrium, and *dynamics*, the study of objects in motion.”

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