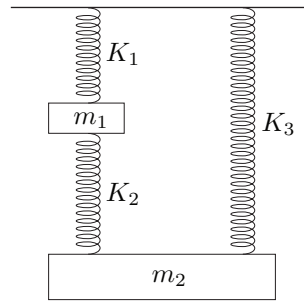


M08M.2 - Springs and Blocks

Problem

A coupled spring-block system hanging from the ceiling is shown in the figure below. The blocks are constrained to undergo only one dimensional vertical movement without rotation.



Suppose the system is oscillating around its equilibrium configuration. Find the normal modes.