

Assume that $m_1 = 100$ kg, $m_2 = 200$ kg, $b = 25$ N-s/m, $k_1 = 50$ N/m, and $k_2 = 100$ N/m.

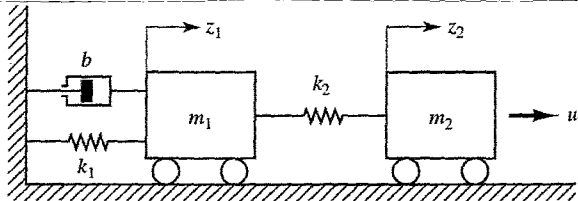


Figure 5-48 Mechanical system.