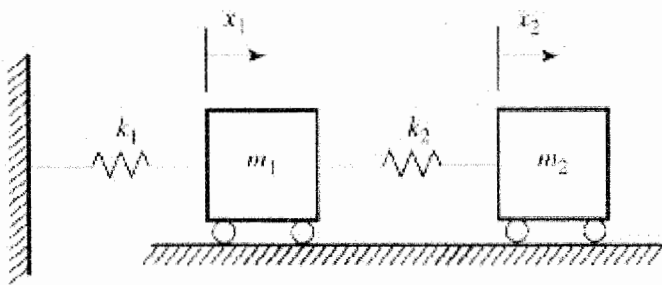


9

For the two degree of freedom structure shown, what are the values of the modal ratios if  $m_1 = m_2 = m$ ,  $k_1 = k$ , and  $k_2 = 3k$ ?



- a. 0.6333 and -4.7720
- b. 0.7925 and -0.6223
- c. 1.2801 and -0.7805
- d. 1.1805 and -0.8471