a)

the molecule behaving as simple harmonic oscillator.

Derive the expression for the energy and frequency a diatomic molecules by assuming

(8)

210	210	210	210	210	210	210	210
210	Q5 a) D sy b) W cc	rite the theory of vibraw and explain the vstem do not co-exis/hat is electrocher brrosion by hydroger iscuss I brief the proescribe the classification	phase diagram of t at equilibrium nical corrosion? n evolution type and eximity analysis of continuity analysis of	Sulphur system. V Describe the med oxygen absorptions coal	echanism of electon. 210	s of Sulphur trochemical 210	(8) (8) (8) (8) (8)
210	210	210	210	210	210	210	210
210	210	210	210	210	210	210	210
210	210	210	210	210	210	210	210
210	210	210	210	210	210	210	210
210	210	210	210	210	210	210	210
210	210	210	210	210	210	210	210
040	0.40		240	240	040	242	