

Wave motion

Introduction →: Wave motion is a transfer of energy and momentum from one point to another of the medium, without any actual transportation of matter between the two points.

Characteristics of wave motion →: Some characteristics of wave motion are as follows ⇒ (i) A physical medium is ~~not~~ ^{not} necessary for the transmission of mechanical waves.

(ii) Wave motion is a type of disturbance which propagates through a medium.

(iii) When a wave motion goes via a medium particles of the medium only vibrate simple harmonically about their mean position. They leave their position and move with the disturbance.