Clars timings Tue, Wed, Thu Wave mechanics

12 -> 12:55 PM

Wave equation
$$\frac{\partial f}{\partial x^2} = \frac{1}{\sqrt{2}} \frac{\partial^2 f}{\partial t^2} = \frac{1}{\sqrt{2}}$$
1D

Quantum Physics (PHY 106)

Normal Ganguli ABI-013

NGangelia viserbac in

Arnab Khem AB1-06

akhama 11serb ae in

Evaluation

Midsem 30% Endsem 50% Qui * 1 5 1 Feb Qui * 2 5 5 April Assignments 10

Frewton =
$$ma(t) = m \frac{\partial^2}{\partial t^2} u(x+h,t)$$

$$\frac{\partial^{2}}{\partial t^{2}} u(x+h,t) = \frac{k}{m} \left[u(x+2h,t) - u(x+h,t) - u(x+h,t) - u(x+h,t) \right]$$

have equation -Merone Marone u(x) $u(x+h') \leftarrow h \rightarrow u(x+2h)$ Displacement = $F_{x+2h} - f_{x}$ $= k \left[u\left(x+2h,t\right) - u\left(x+h,t\right) \right]$ -k[u(x+h,t)-u(x,t)]