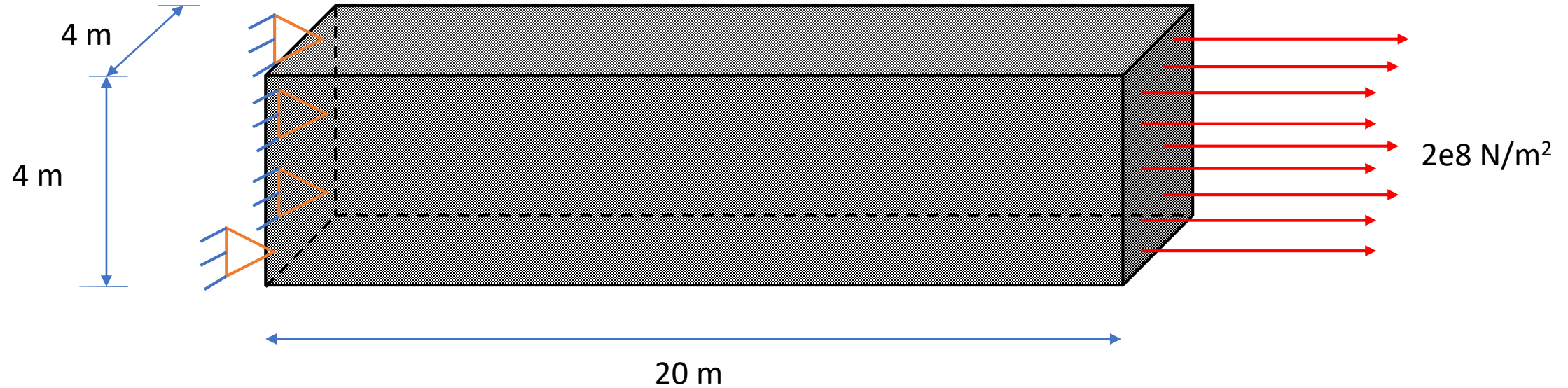


Problem Description



Material properties

- Elastic
- Density; $\rho = 8000 \text{ kg/m}^3$
- Modulus of Elasticity; $E = 210 \text{ GPa}$
- Poisson's ratio; $\mu = 0.299$

Dynamic Parameters

- Start time : 0 sec
- End time : $2e-2 \text{ sec}$
- dt : $5e-5$
- Newmark parameter (Implicit or Explicit);
 $\beta = 0.25 \text{ or } 0$ $\gamma = 0.5$