

Day 1

06 January 2025

08:24

- Hookean solid - $\tau_{xy} \propto \epsilon_{xy}$ (E) \rightarrow within elastic limit, small deformation
- Newtonian fluid - $\tau_{xy} \propto \dot{\gamma}_{xy}$ (η)
- Thermal conductivity: $\text{m t}^{-3} \text{T}^{-1}$
- Specific Heat: $\text{L}^2 \text{t}^{-2} \text{T}^{-1}$