

Exemplar problem 2

What is SI unit of viscosity coefficient (η)?

- (i) Pascal
- (ii) Nsm^{-2}
- (iii) $\text{km}^{-2} \text{s}$
- (iv) N m^{-2}

(ii) Nsm^{-2}

$$F = \mu A \frac{dv}{dx}$$

$$N = \mu m^2 \frac{\frac{m}{s}}{m}$$