

27 A sinusoidal alternating current produces an average power P in a resistor of resistance R .

What is the r.m.s. current in the resistor?

A \sqrt{PR}

B $\sqrt{\frac{2P}{R}}$

C $\sqrt{\frac{P}{R}}$

D $\sqrt{\frac{P}{2R}}$

28 An electron in a hydrogen atom makes a transition from an energy level E to an energy level E .