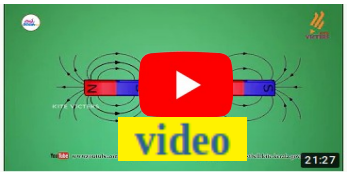
PHYSICS - X-PART-02 CLASS 20



Electromagnetic Induction

The direction of the induced current can be found out using

* Fleming's right hand rule

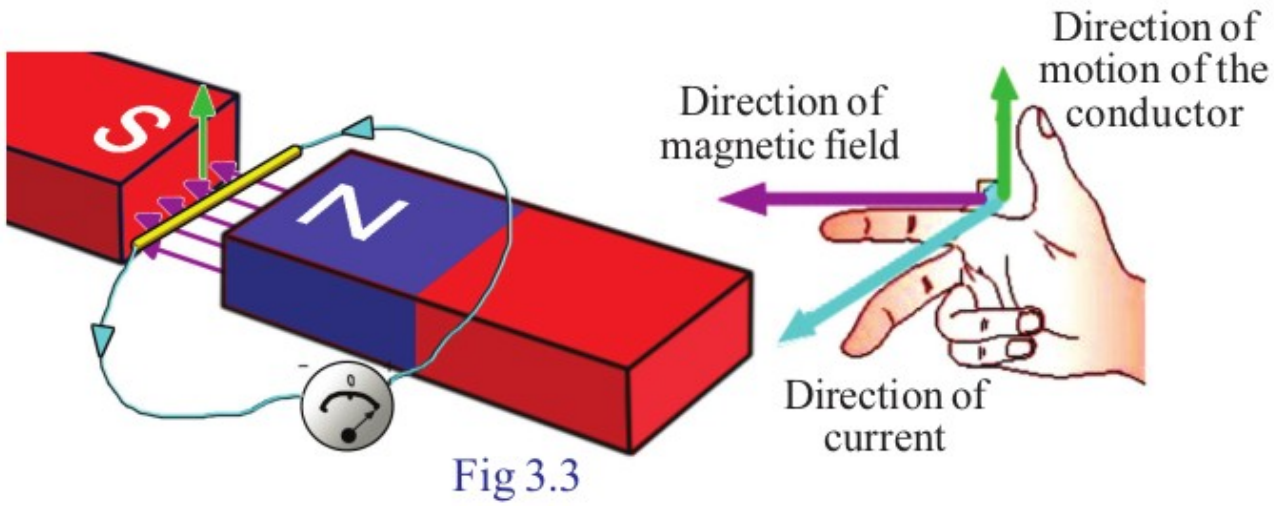


Fig 3.3

* Imagine a conductor moving perpendicular to a magnetic field. Stretch the forefinger, middle finger and the thumb of the right hand in mutually perpendicular directions. If the fore finger represents the direction of the magnetic field, and the thumb represents the direction of motion of the conductor, then, the middle finger represents the direction of the induced current.

Assignment

1. Write Fleming's right hand rule in your science diary