QUESTION 2.1.7 Position-time sketch graph of the horizontal position of the block.

Horizontal position (x) in m

t_A t_B t_C t_D t_E time (s)
QUESTION 8.8.1  The same magnet is dropped from the same height through the same coil with the NORTH pole entering the coil first.

Graph of induced emf vs time for a magnet falling through a coil
QUESTION 8.8.2  

A STRONGER MAGNET of the same mass and length is dropped through the same coil from the same height with the south pole entering the coil first.

Graph of induced emf vs time for a magnet falling through a coil
QUESTION 8.8.3

The same magnet is dropped from the same height through a coil of the same length but having LESS TURNS. The south pole enters the coil first.

Graph of induced emf vs time for a magnet falling through a coil