

- 25 A short magnet falls through a long coil of wire connected to a sensitive voltmeter as shown in diagram 1a. The graph that represents the variation with time t of the reading V on the voltmeter is shown in diagram 1b.

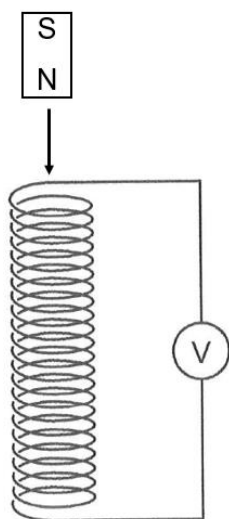


diagram 1a

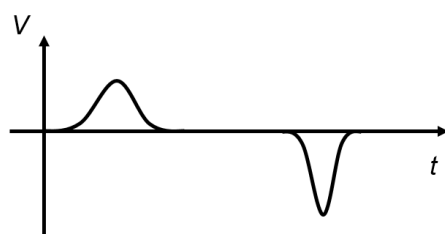


diagram 1b

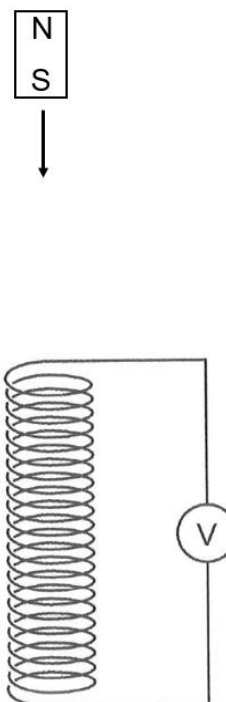
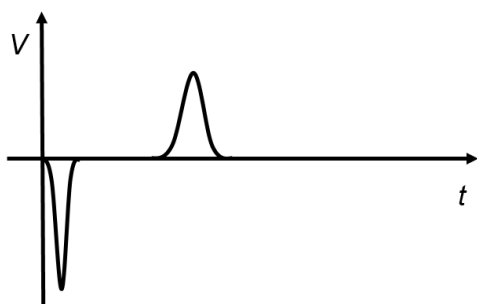


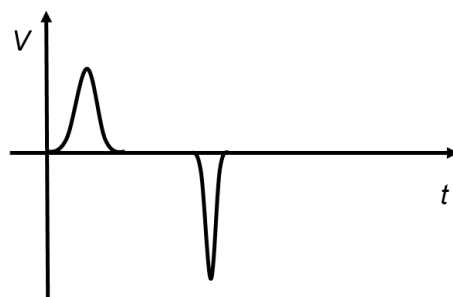
diagram 2

Which graph represents the variation with time t of the reading V on the voltmeter when the short magnet is being drop from a greater height above the coil as shown in diagram 2?

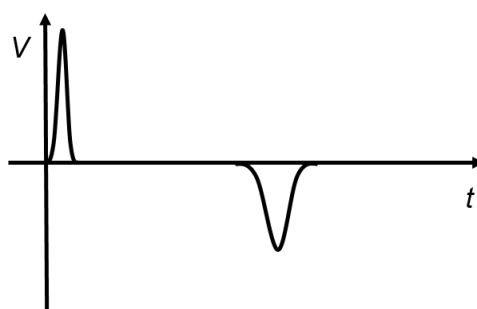
A



B



C



D

