

- 26** Fig. 26 (a) shows conducting coil Q suspended from the ceiling directly above conducting coil P which is placed on a horizontal table. The variation of current I in coil Q with time t is shown in Fig. 26 (b).

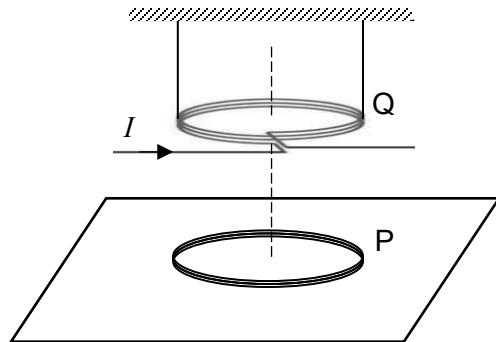


Fig. 26 (a)

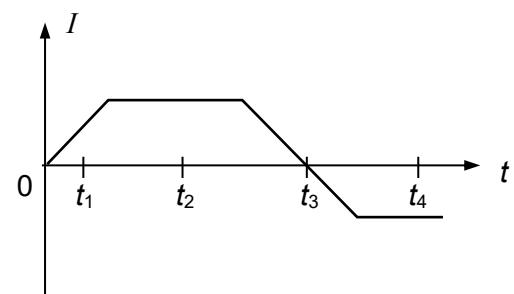


Fig. 26 (b)

Given that the weight of coil P is W , and the normal contact force acting on coil P by the table is N , which of the following is correct?

- A** At t_1 , $N < W$
- B** At t_2 , $N > W$
- C** At t_3 , $N = W$
- D** At t_4 , $N < W$