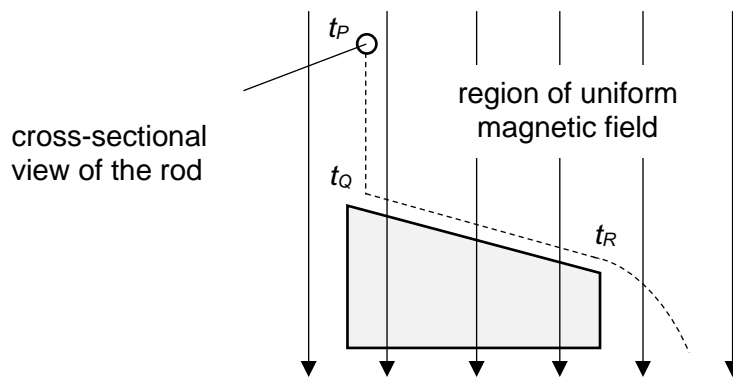


- 24 In a region of uniform magnetic field, a metal rod falls vertically from rest and lands on a slope. It continues to roll down the slope and launches off the slope as shown in the diagram.

The diagram shows the positions of the rod at times  $t_P$ ,  $t_Q$  and  $t_R$  respectively.



Which graph best shows the variation with time  $t$  of the e.m.f. induced in the rod, from the time it is released?

