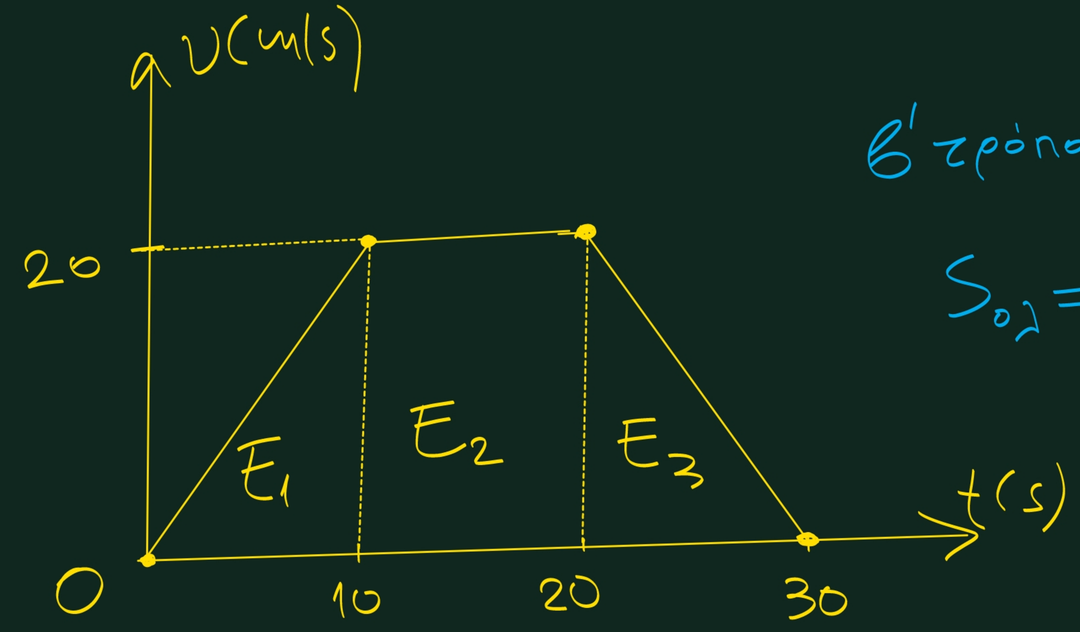
Ασκ. 9 σελ. 70



A) $S_{ολ} = \Delta x_{ολ}$

$S_{ολ} = E_1 + E_2 + E_3 = \frac{10 \cdot 20}{2} + 20 \cdot 10 + \frac{10 \cdot 20}{2} = 100 + 200 + 100 = 400\,m$

B) $U_{μεση} = \frac{S_{ολ}}{\Delta t_{ολ}} = \frac{400}{30} = \frac{40}{3}\,m/s.$

Β' τρόπος για $S_{ολ}$

$S_{ολ} = E_{τραπεζίου} = \frac{B+b}{2} \cdot Υψος =$

$= \frac{30+10}{2} \cdot 20 = 400\,m$