

Αβυ. 8 6ε2.69)

$$A. \Delta x = S = E_{\text{εργώνου}} = \frac{\theta_{\text{αβυ.}} \cdot \dot{\psi}_{\text{ος}}}{2} = \frac{10 \cdot 20}{2} = 100$$

$$\text{Αρα: } \Delta x = 100 \text{ m}$$

$$B. \quad 0 \rightarrow 1 \rightarrow 2 \rightarrow 3$$

1° 2° 3°

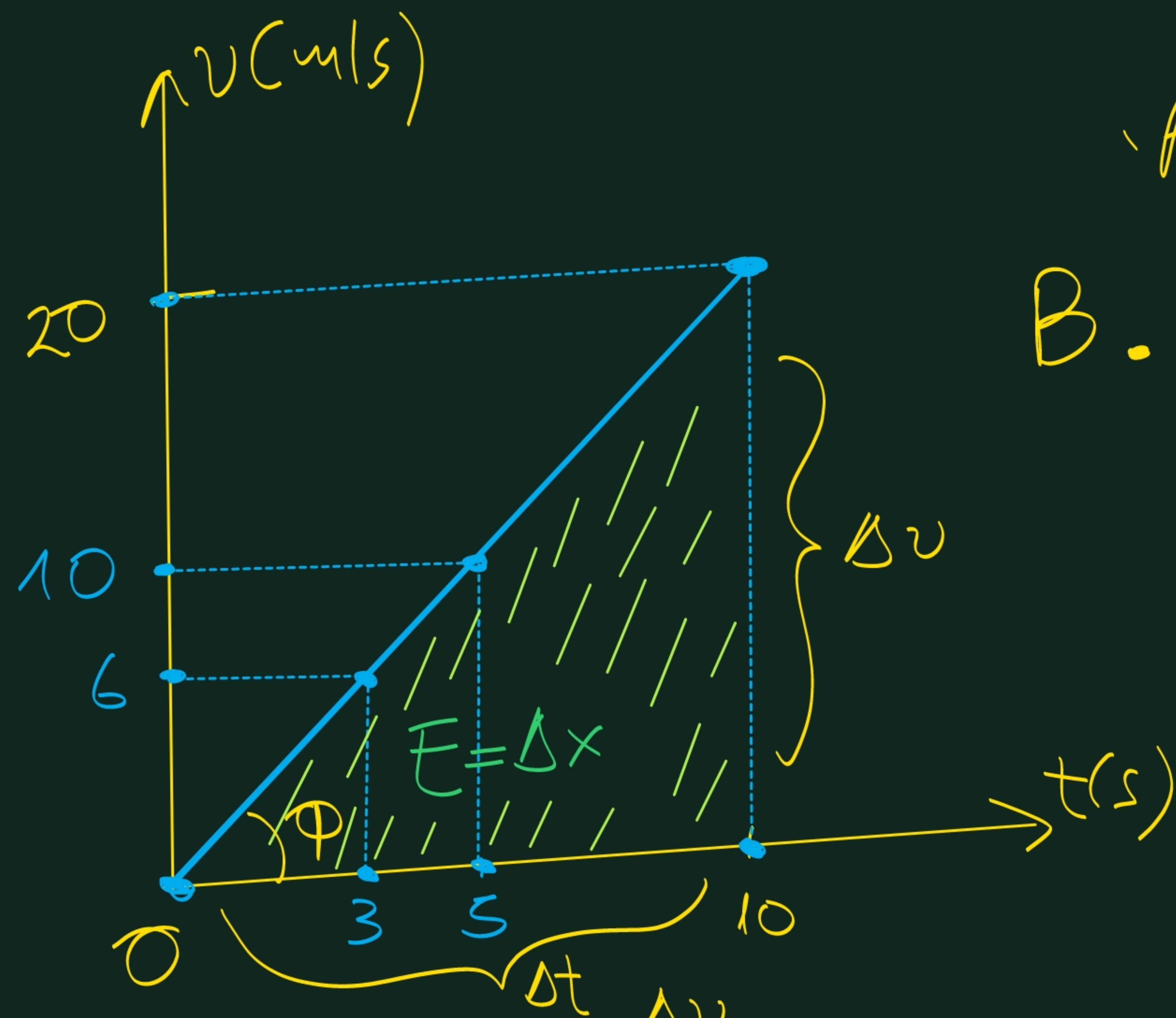
$$X = S = \Delta x \text{ (σταθερή ταχύτητα)}$$

$$S(t) = \frac{1}{2} a t^2 = X(t)$$

$$S(1) = \frac{1}{2} \cdot a \cdot 1^2 = \frac{1}{2} \cdot 2 \cdot 1 = 1 \text{ m}$$

$$S(2) = \frac{1}{2} \cdot a \cdot 2^2 = \frac{1}{2} \cdot 2 \cdot 4 = 4 \text{ m}$$

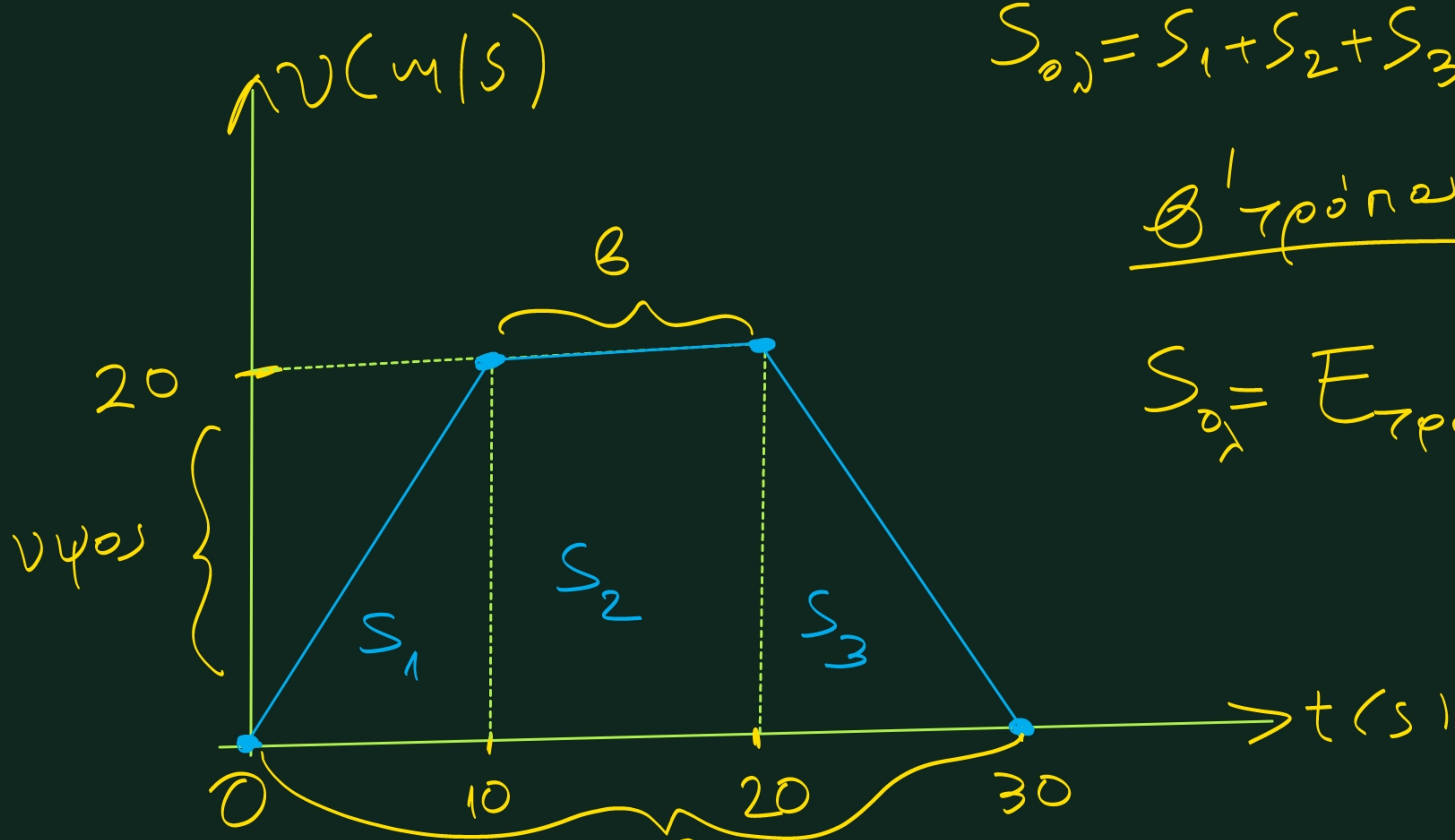
$$\text{Αρα: } S = S(2) - S(1) = 4 - 1 = 3 \text{ m}$$



$$\text{υ}_{\text{αβυ.}} = \varepsilon \phi \phi = a = \frac{\Delta v}{\Delta t} \Rightarrow$$

$$a = \frac{20 - 0}{10 - 0} \Rightarrow a = 2 \text{ m/s}^2$$

Αβυ. 9 6ε2.70



$$S_{02} = S_1 + S_2 + S_3 = 400 \text{ m}$$

θ' τράνση

$$S_{02} = E_{\text{τράνση}} = \frac{B+b}{2} \cdot v_{\psi 02}$$

A. $S_1 = \frac{20 \cdot 10}{2} = 100 \text{ m} = \Delta x_1$

$$S_2 = 10 \cdot 20 = 200 \text{ m} = \Delta x_2$$

$$S_3 = \frac{20 \cdot 10}{2} = 100 \text{ m} = \Delta x_3$$