

① Datos

$$V_{\text{prop}} = 3 \times 10^8 \text{ m/s}$$

$$\text{distancia} = 2 \cdot 36\,000\,000$$

Formulas

$$t_{\text{prop}} = \frac{\text{distancia}}{V_{\text{prop}}}$$

Resultados

$$t_{\text{prop}} = 0.24$$

$$64 \cdot 1024 \rightarrow 1\text{ s}$$

$$100 \cdot 8 \rightarrow t_{\text{trans}}$$

$$t_{\text{trans}} = \frac{100 \cdot 8}{64 \cdot 1024}$$

$$t_{\text{trans}} = \frac{25}{2048}$$

$$t_{\text{prop}} = 0.24$$

$$t_{\text{trans}} = \frac{25}{2048}$$

$$U = \frac{1}{1 + 2 \left(\frac{t_{\text{prop}}}{t_{\text{trans}}} \right)}$$

$$U = 2.48 \text{ (\%)}$$