

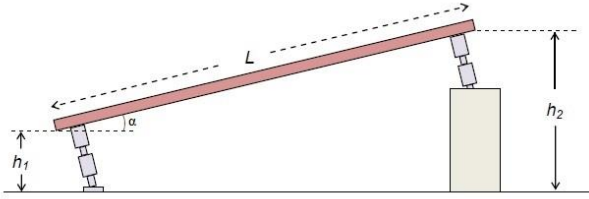
AD-SOYAD:
NUMARA:
BÖLÜM

DENEYİN ADI: SABİT İVMELİ HAREKET

DENEYİN AMACI:

TEORİK BİLGİ:

HESAPLAMALAR:



Teorik Hesaplama:

$$F = ma$$

$$mg \sin \alpha = ma$$

$$a_{\text{teorik}} = g \sin \alpha$$

$$\sin \alpha = \frac{h_2 - h_1}{L} =$$

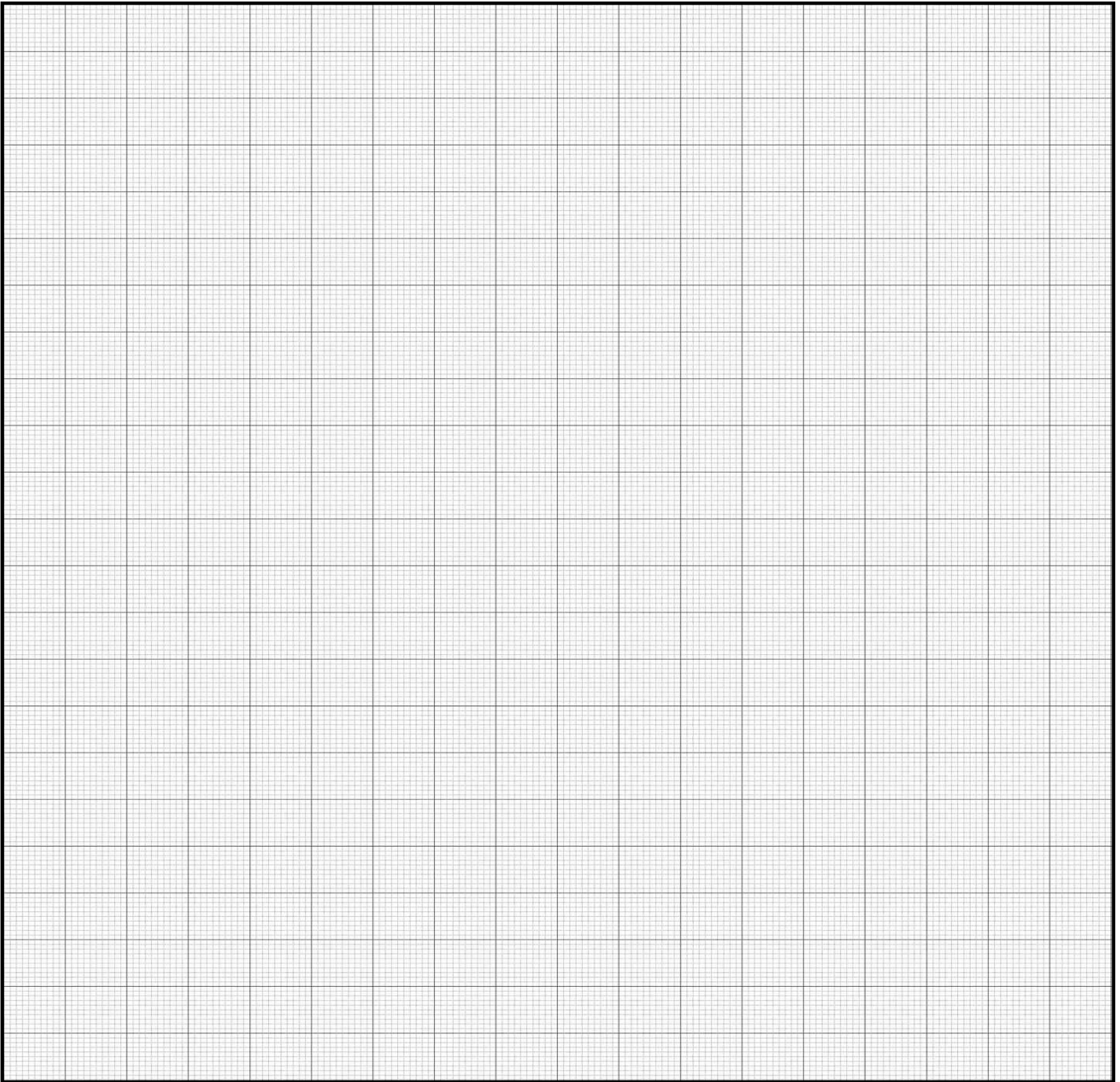
Deneysel Hesaplama:

$$x = \frac{1}{2} a_x t^2, \tan \alpha = \frac{y_2 - y_1}{x_2 - x_1} = \frac{x}{t^2} = \frac{a_{\text{Deneysel}}}{2}$$

$$a_{\text{Deneysel}} =$$

$$\text{Hata} = \frac{|\text{Teorik} - \text{Deneysel}|}{\text{Teorik}} \times 100 =$$

	$\Delta x_i(\text{cm})$	$\Delta t_i(\text{s})$
1		
2		
3		
4		
5		
6		
7		



YORUM: