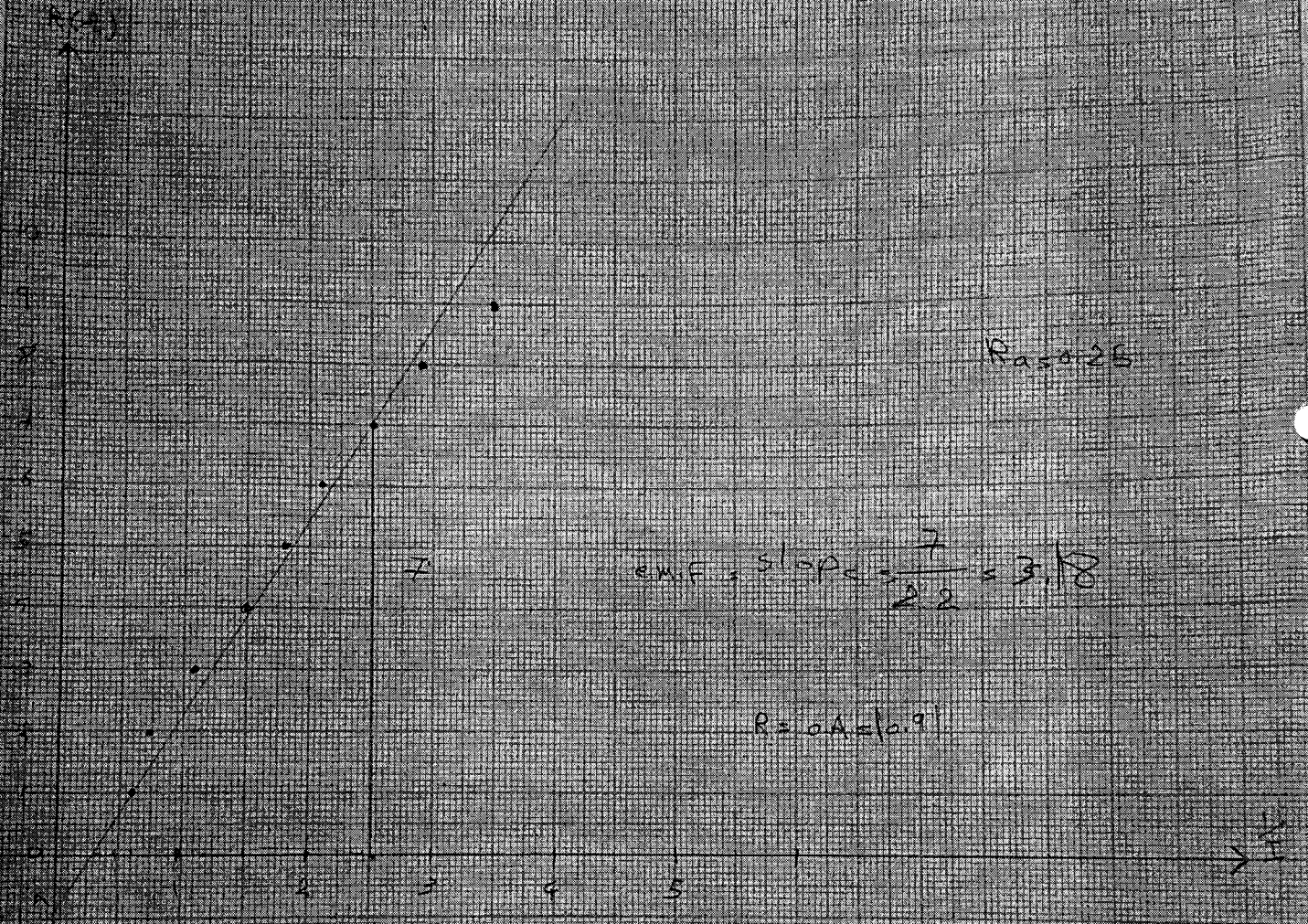






ت (1) ریاضیاتی و تجربی اقلیم کے ساتھ



$$\text{EMF, slope} = \frac{7}{2.2} = 3.18$$

$$R = 0.9 = 0.91$$

$$I(A) = R + 0.9$$

$$R = 0.9 = 0.91$$

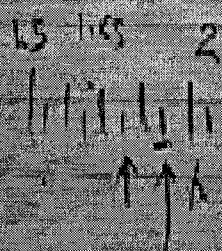
$$R = 0.25$$



تكريرة (4) من دائرة الفولتية

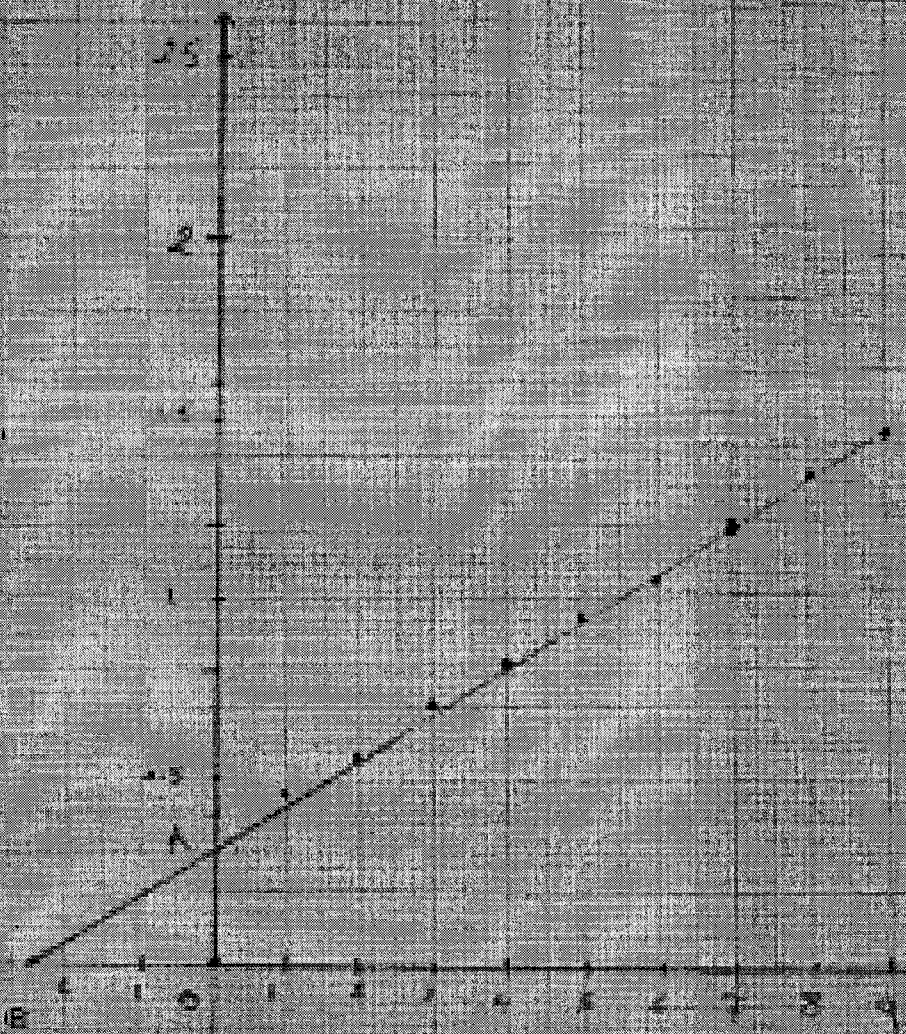
R (Ω)	V <sub>out</sub>
100	2.3
2000	1.85
3000	1.5
4000	1.3
5000	1.15
6000	1
7000	0.9
8000	0.8
9000	0.75

$$1.8 + 0.05 = 1.85$$





تاریخ: ۱۳۹۰/۰۵/۰۵  
 آزمایش: ...



$R_v = 2500 \Omega$

$CA = \frac{1}{E} \cdot \frac{1}{630} = 2.32 \times 10^{-4}$



تكريرة 5  
 اجتهت الالافيا

R (L)	I (A)	R <sup>2</sup> (L <sup>2</sup> )	Z = $\frac{V}{I}$	Z <sup>2</sup>
1	2.7			
2	1.92			
3	1.49			
4	1.21			
5	1			
6	0.87			
7	0.76			
8	0.67			
9	0.60			

ک (۵) ص ل ۳ ای

$$L = \frac{\sqrt{bA}}{2\pi f} = \frac{\sqrt{4}}{2(3.14)50}$$

$$L = 0.006$$

