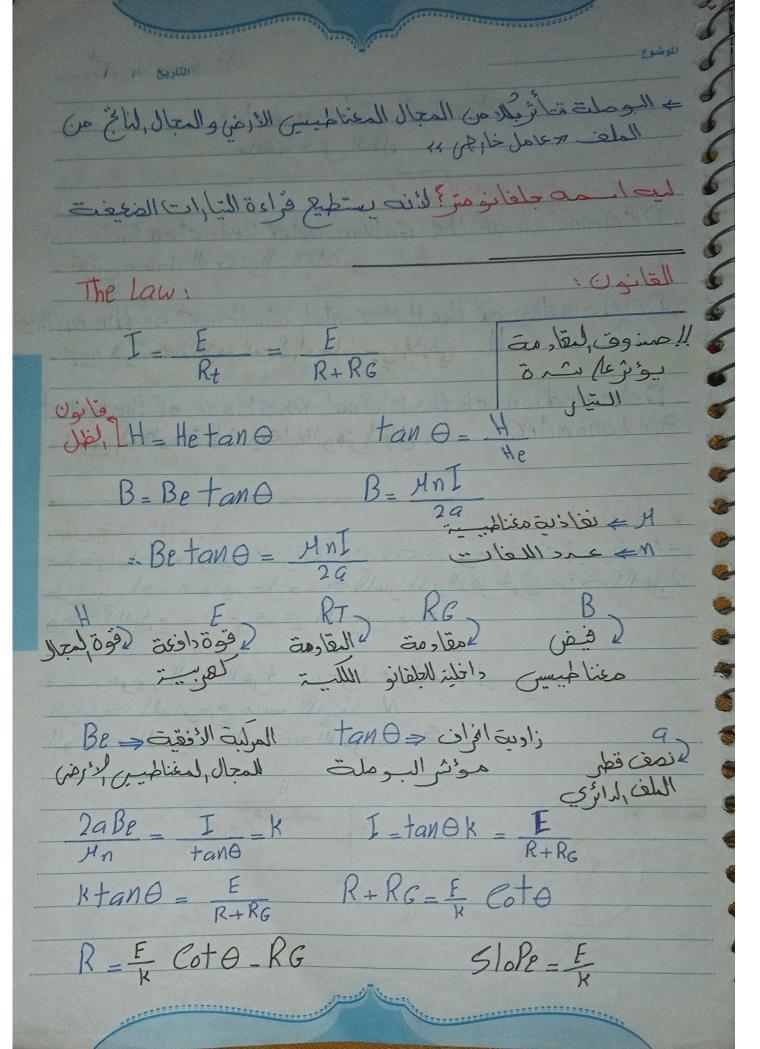
الموضوع مكتني 1 معامل (أ) التاريخ / / tangent Galvanometer 1 طفانومنز الغل \* Aim of the Experiment. Determination of the Galvanometer Reduction Factor (K) تعين معامل الاحترال للحلفانو Determination of the Horizontal Component of the earth? magnetie Field. (is) Limil bish dish dish cinal cina Determination of the internal resistance of the tangent galvanometer. Italipai, light is selected in the selection of the selectio \* How it wolks المعاملة والرحون و منون و منون و منون الم المعاملة والمرون (eig.) iend alen el ai polla, 12 plus, 25 ai pilla, 12 She (10 18 18 18 18 18 on) sale. May Es inglastores 11/6 5 skall ais di lies that al



## 271212025 tangent Galvanometer

R(-2	(learest) O	tan 0	Coto
10			
30	78	4-7	0.21
50	76	4.01	0.24
70	75	3.73	0.26
90	73	3.27	0.30

$$E = 5 \quad \text{Volt3}$$

$$n = 500 \quad \text{tuyn3}$$

$$a = 7 \quad \text{em} \quad \left( RG = +20 \text{ A} \right)$$

RLA 100 90 80 70 510P 52-30 60 0.2 -0.14 52 50 = 366.66 40 30 30 20 10 cot. 0.2 0.3 0.4 0.6 0.6 0.7 0.8 0.9 0.1 -10 \_20 RG