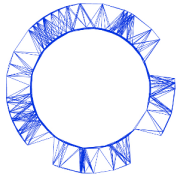


Experiment



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A2-4

English (Official)

Part B: Measurement of the stretched thread diameter (1.5 points)

B.1 (0.6 pt)

B.2 (0.3 pt)

$D = \quad \pm$

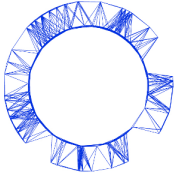
B.3 (0.3 pt)

$\bar{x} = \quad \pm$

B.4 (0.3 pt)

$d = \quad \pm$

Experiment



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Part C: Changing to a new thread (0.3 points)

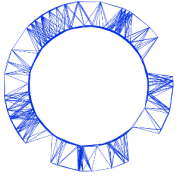
C.1 (0.3 pt)

$$\ell'_0 \quad \pm$$

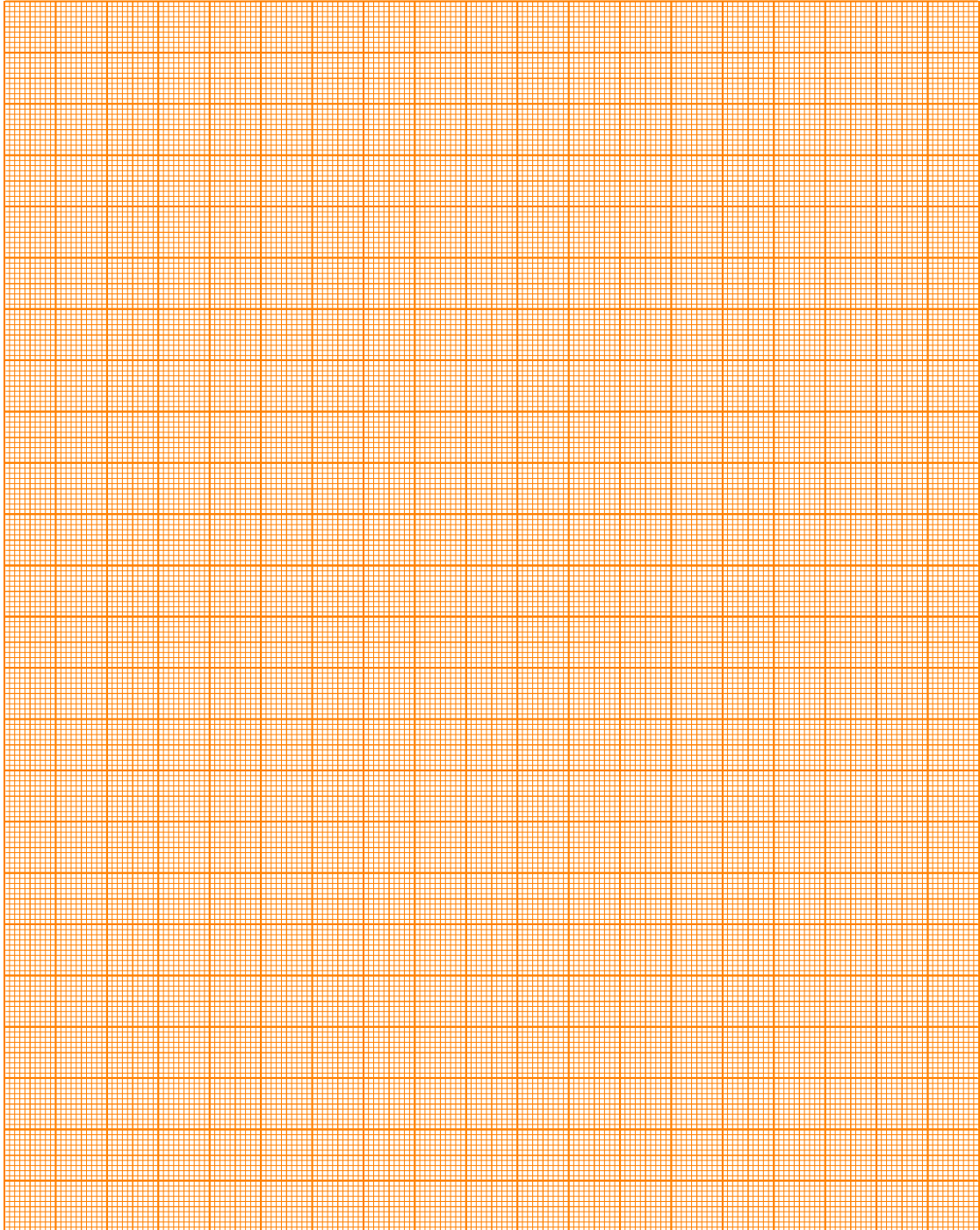
Part D: Data analysis (5.7 points)

D.1 (0.3 pt)

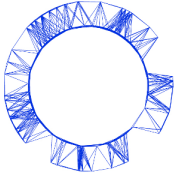
Fill F in the table introduced in **A.3**.



D.2 (0.4 pt)



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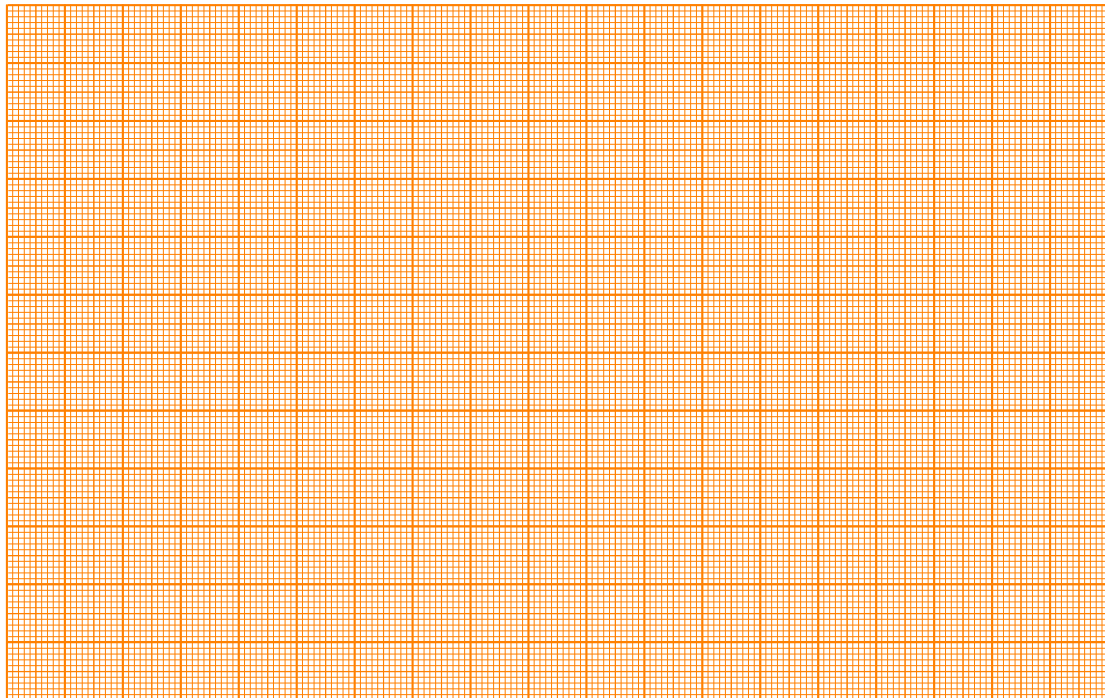
D.3 (0.3 pt)

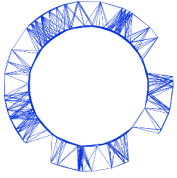
$\epsilon =$ \pm

D.4 (0.3 pt)

$\beta =$

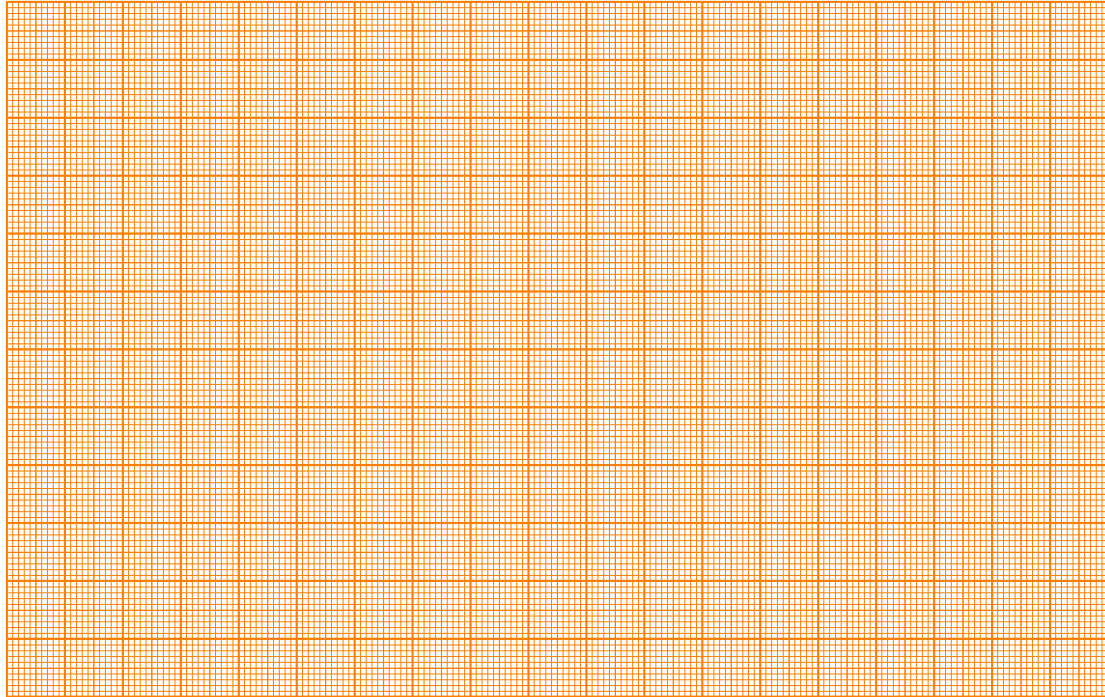
D.5 (0.4 pt)



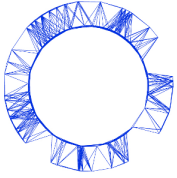


D.6 (0.5 pt)

Fill $\frac{dE}{dt}$ in the table introduced in **A.3**.



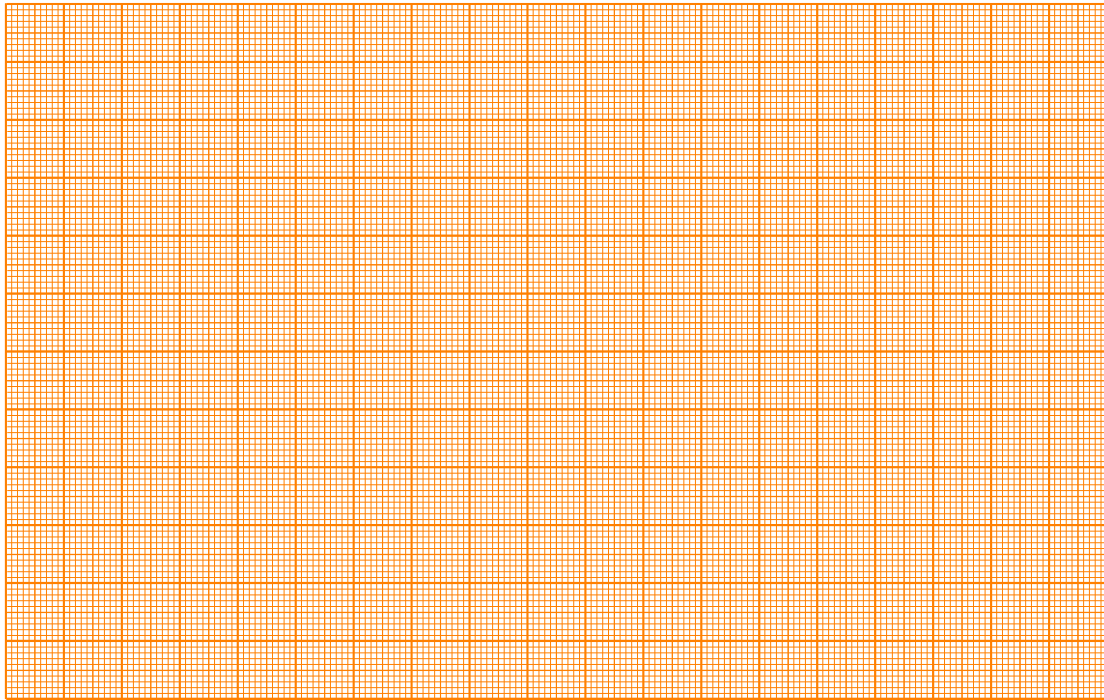
D.7 (0.3 pt)



D.8 (1.0 pt)

$$E_1 =$$

$$\tau_1 =$$

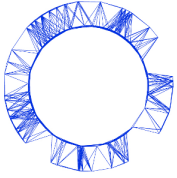


D.9 (0.3 pt)

$$E_0 =$$

D.10 (0.3 pt)

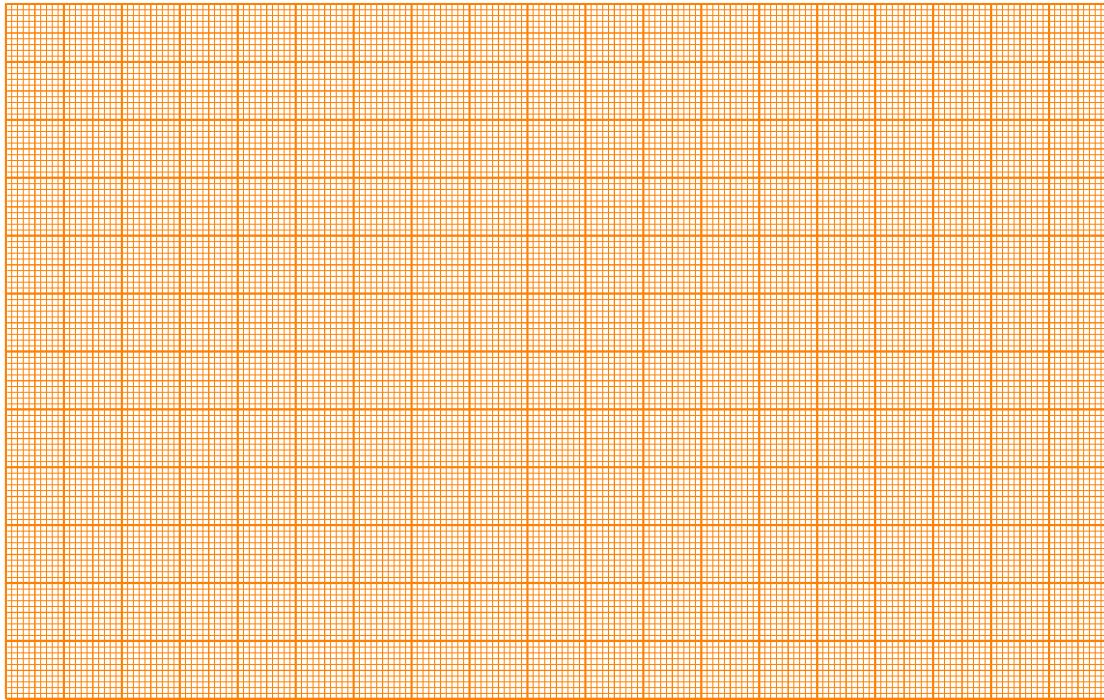
Fill $y(t)$ in the table introduced in **A.3**.



D.11 (1.0 pt)

$$E_2 =$$

$$\tau_2 =$$

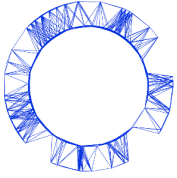


D.12 (0.3 pt)

$$t_i =$$

$$t_f =$$

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D.13 (0.3 pt)

$\tau_3 =$

Part E: Measuring E in constant stress conditions (0.6 points)

E.1 (0.6 pt)

$E =$

$\frac{E-E_0}{E_0} =$