

A2-1
Austrian German (Austria)

[illegible][illegible]

A2-2
Austrian German (Austria)

[illegible]

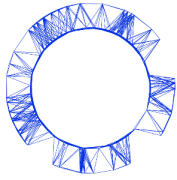


A.3 (cont.)

t	$P(t)$	F/gf	$\frac{dF}{dt}$	$y(t)$

A.4 (0.3 pt)

$\ell = \qquad \pm$



Teil B: Messung des Durchmessers des gedehnten Fadens (1,5 Punkte)

B.1 (0.6 pt)

B.2 (0.3 pt)

$D =$ $\pm$

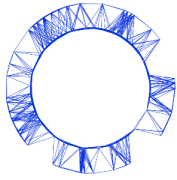
B.3 (0.3 pt)

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

B.4 (0.3 pt)

$d =$ $\pm$

Experiment



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Teil C: Wechseln des Fadens (0,3 Punkte)

C.1 (0.3 pt)

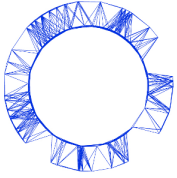
ℓ'_0 $\pm$

Teil D: Datenauswertung (5,7 Punkte)

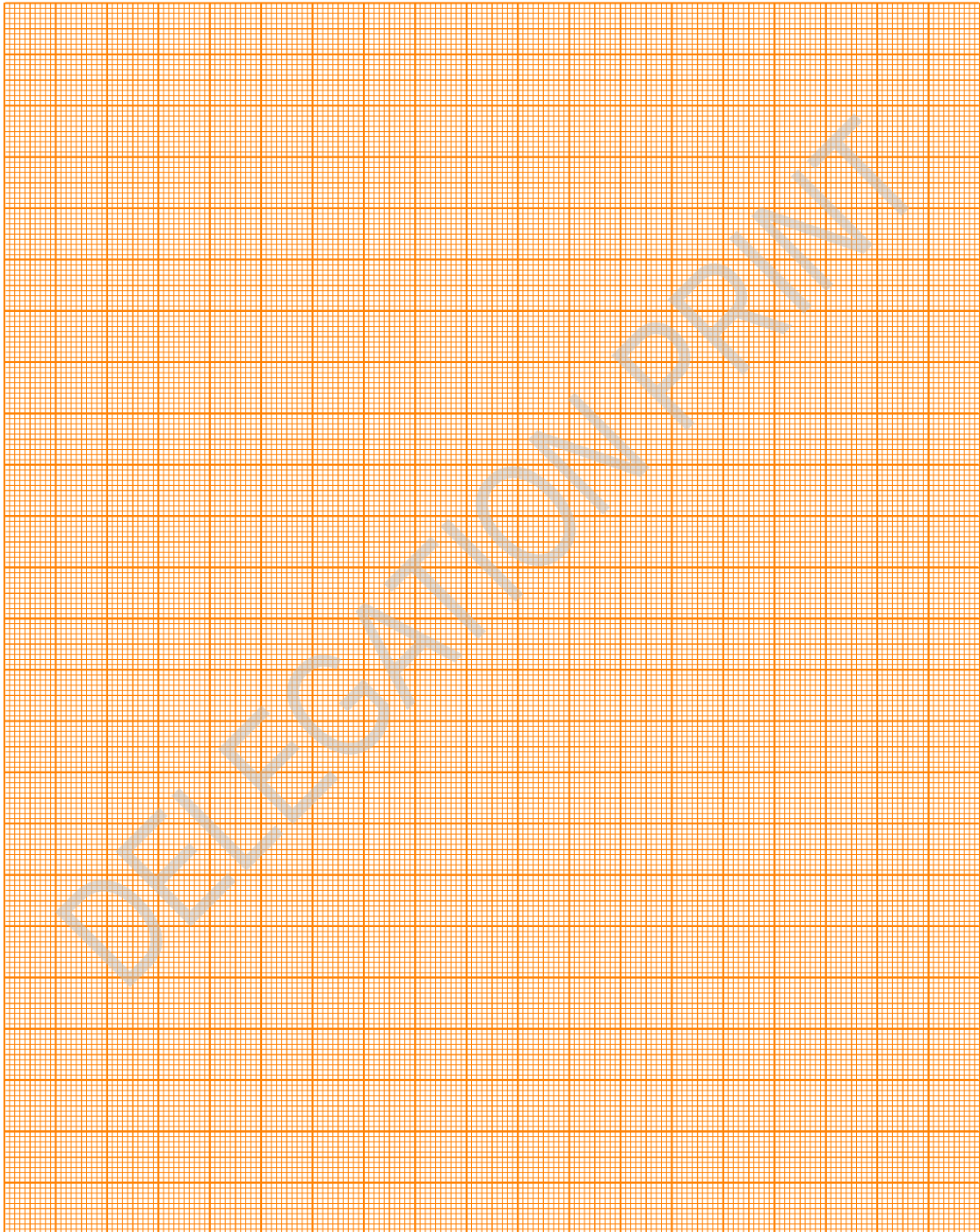
D.1 (0.3 pt)

Fülle F in der Tabelle von Teil **A.3** aus.

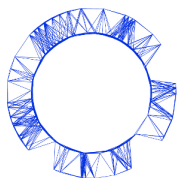
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D.2 (0.4 pt)



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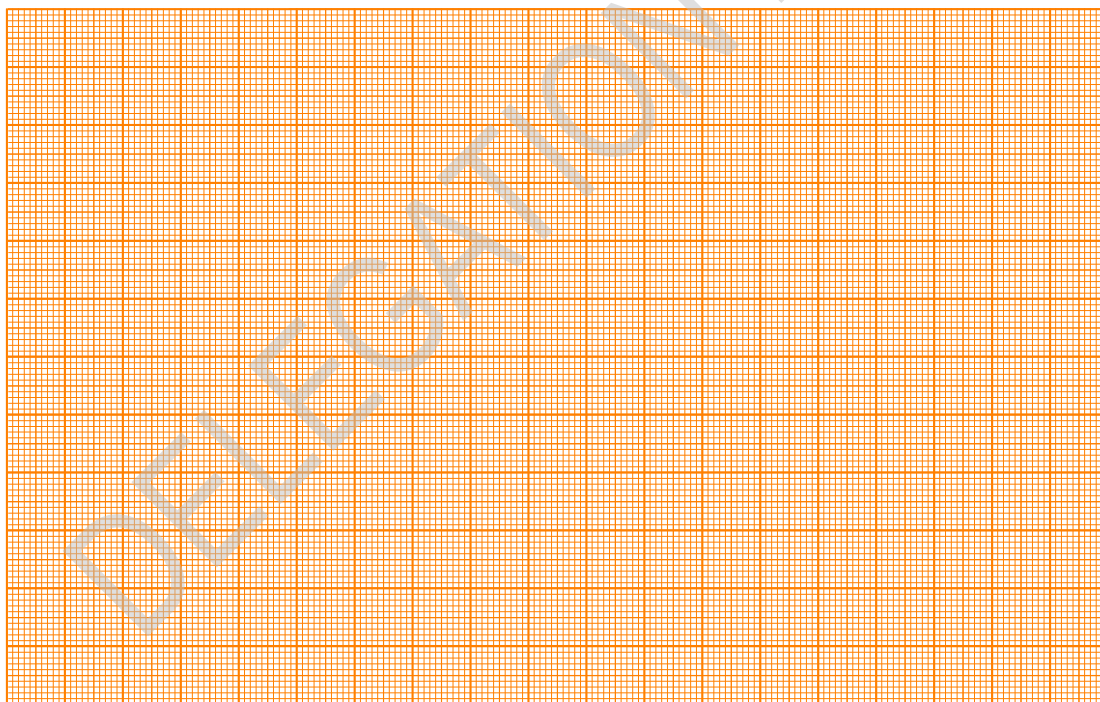
D.3 (0.3 pt)

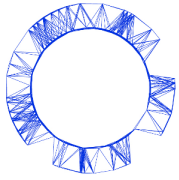
$\epsilon =$ $\pm$

D.4 (0.3 pt)

$\beta =$

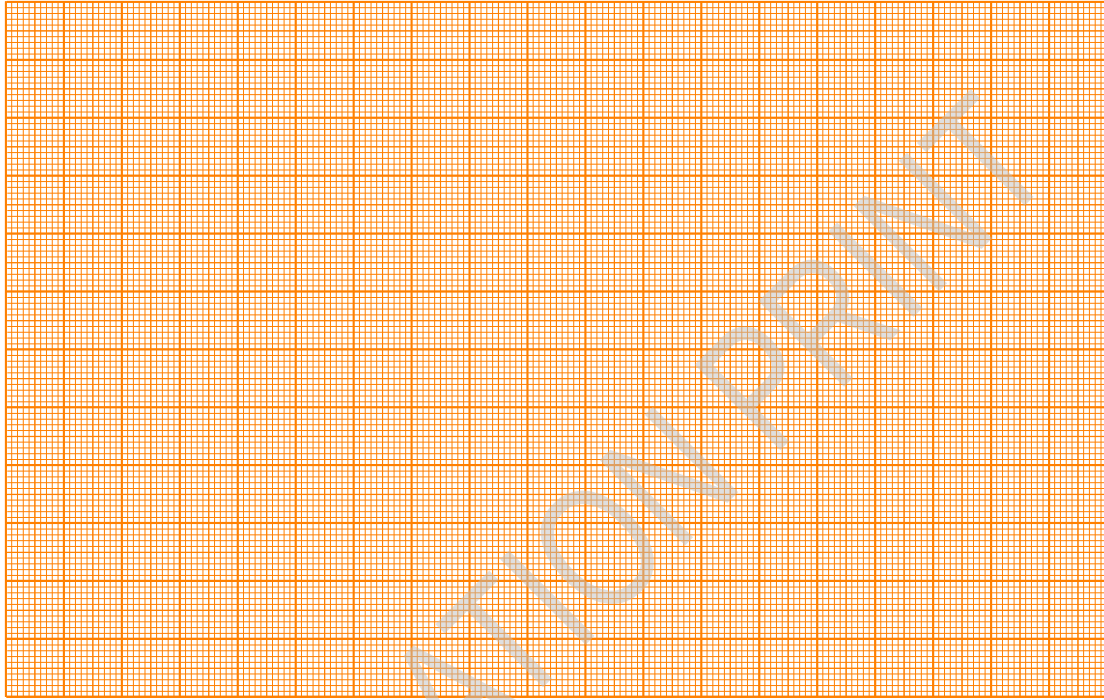
D.5 (0.4 pt)



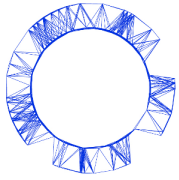


D.6 (0.5 pt)

Fülle $\frac{dE}{dt}$ in der Tabelle von Teil **A.3** aus.



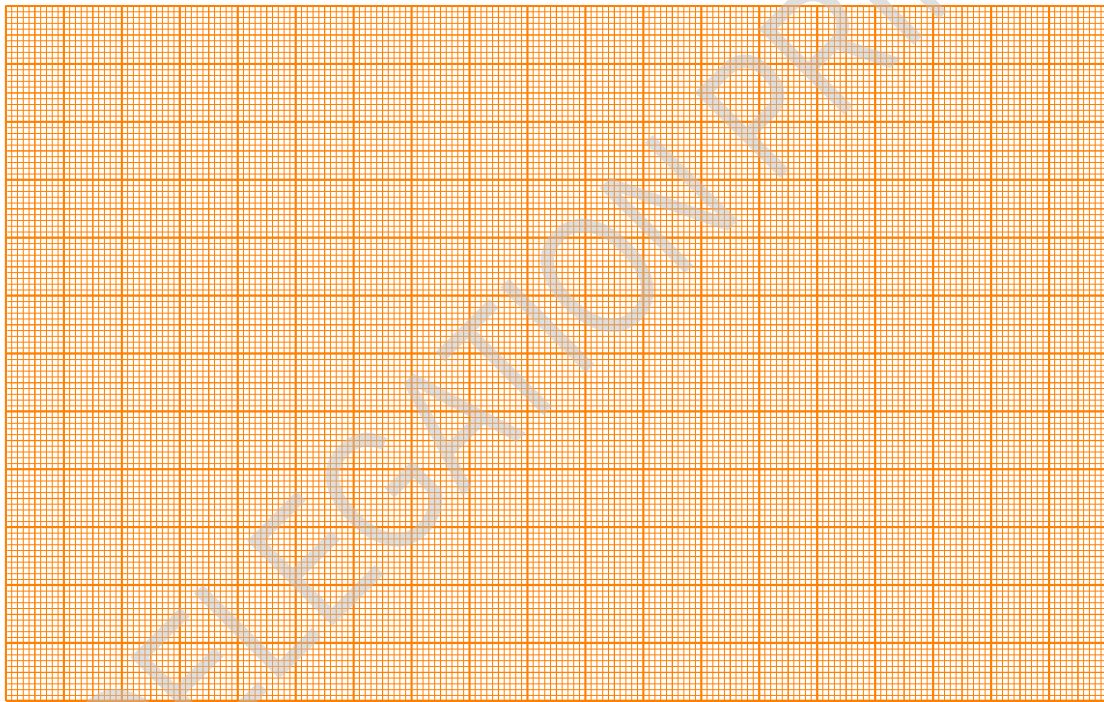
D.7 (0.3 pt)



D.8 (1.0 pt)

$$E_1 =$$

$$\tau_1 =$$

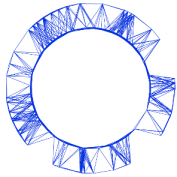


D.9 (0.3 pt)

$$E_0 =$$

D.10 (0.3 pt)

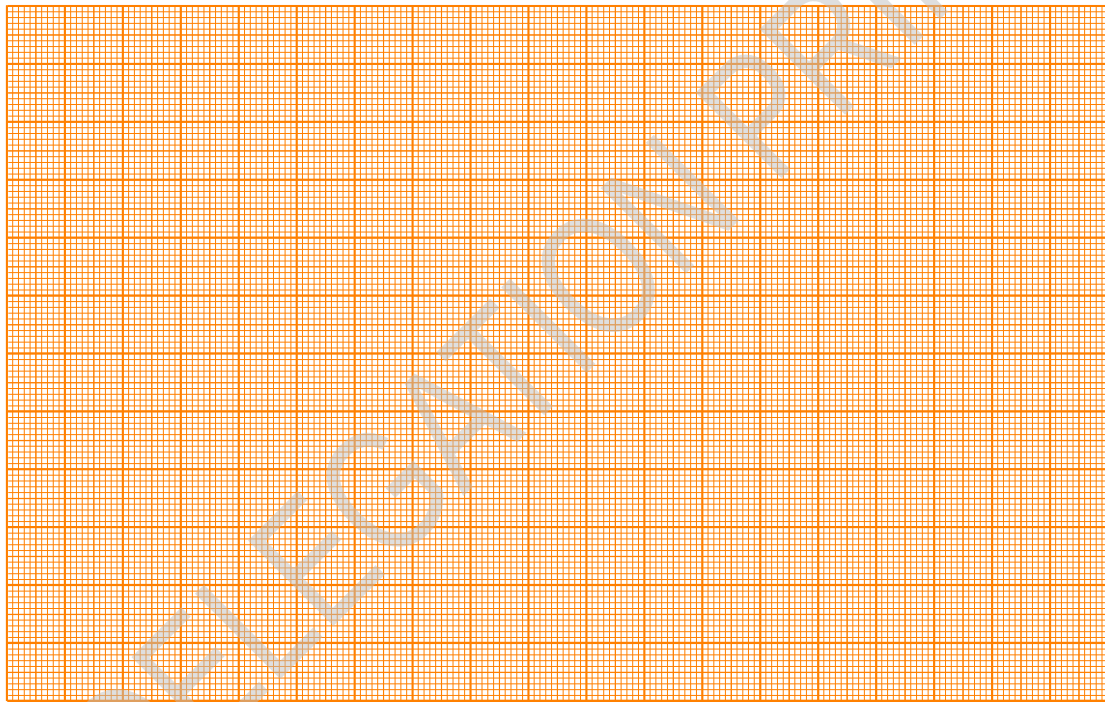
Fülle $y(t)$ in der Tabelle von Teil **A.3** aus.



D.11 (1.0 pt)

$$E_2 =$$

$$\tau_2 =$$

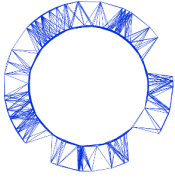


D.12 (0.3 pt)

$$t_i =$$

$$t_f =$$

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D.13 (0.3 pt)

$\tau_3 =$

Teil E: Messung von E bei konstanter Spannung (0,6 Punkte)

E.1 (0.6 pt)

$E =$

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

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