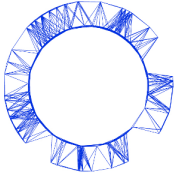






# Experiment



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# A2-3

Japanese (Japan)

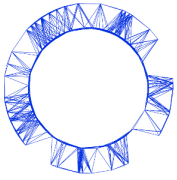
## A.3 (cont.)

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

## A.4 (0.3 pt)

$\ell = \quad \pm$

# Experiment



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# A2-4

Japanese (Japan)

## Part B : 伸びた糸の直径の測定 (1.3 点)

**B.1** (0.6 pt)

**B.2** (0.3 pt)

$D =$    $\pm$

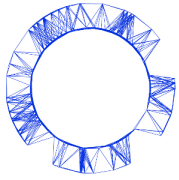
**B.3** (0.3 pt)

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

**B.4** (0.3 pt)

$d =$    $\pm$

# Experiment



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# A2-5

Japanese (Japan)

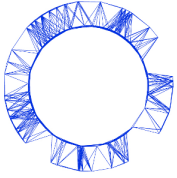
## Part C: 新しい糸への交換 (0.3 点)

**C.1** (0.3 pt)

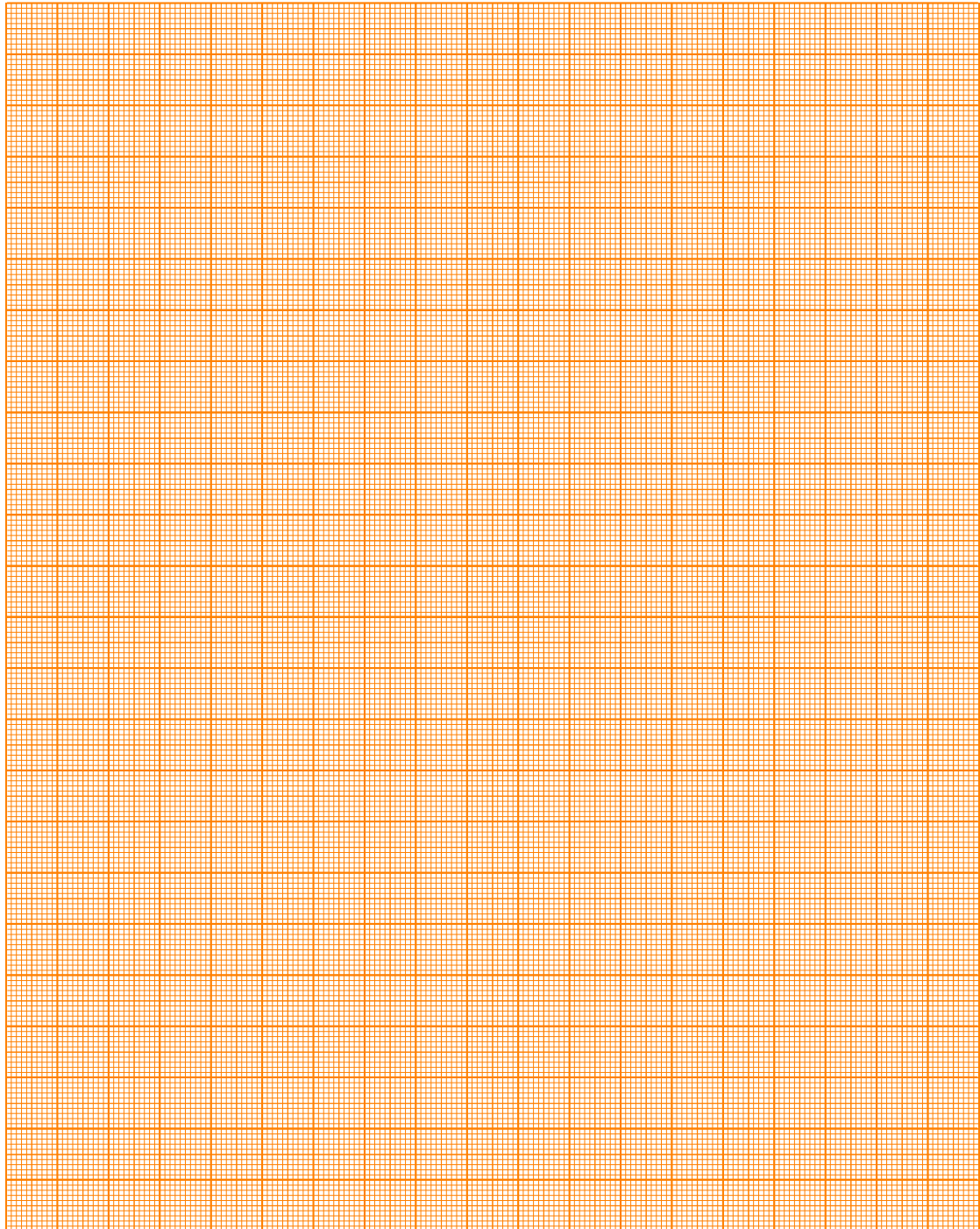
$\ell'_0$                        $\pm$

## Part D: データ解析 (5.7 点)

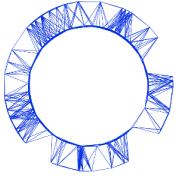
**D.1** (0.3 pt)



**D.2** (0.4 pt)



# Experiment



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# A2-7

Japanese (Japan)

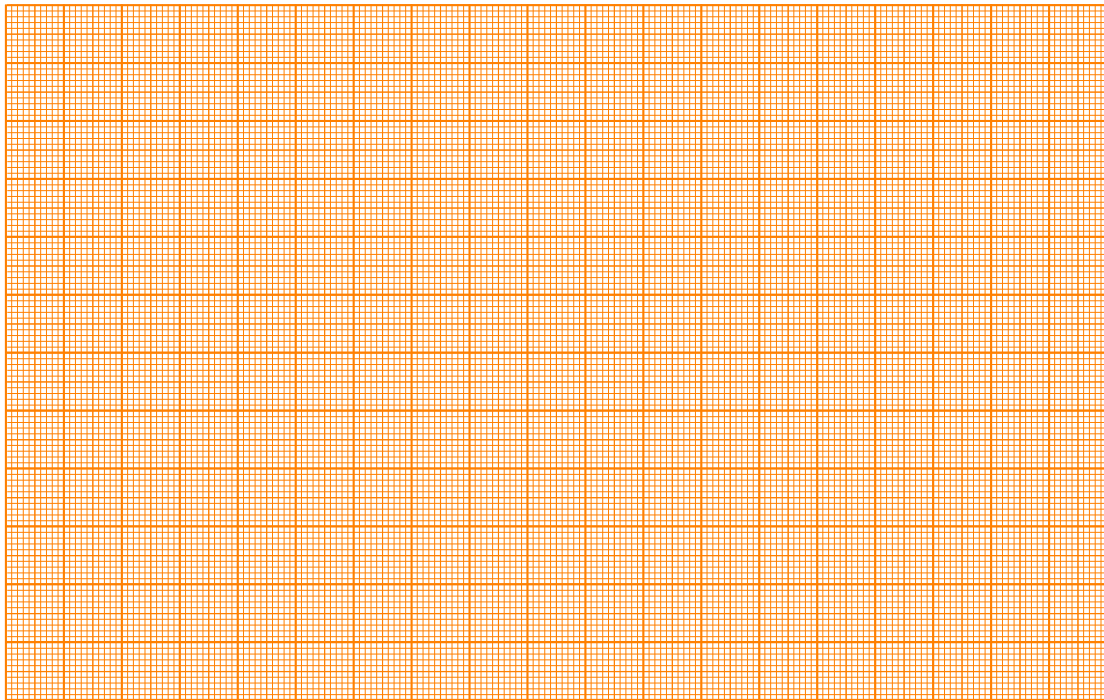
**D.3** (0.3 pt)

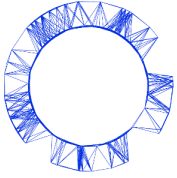
$\epsilon =$                        $\pm$

**D.4** (0.3 pt)

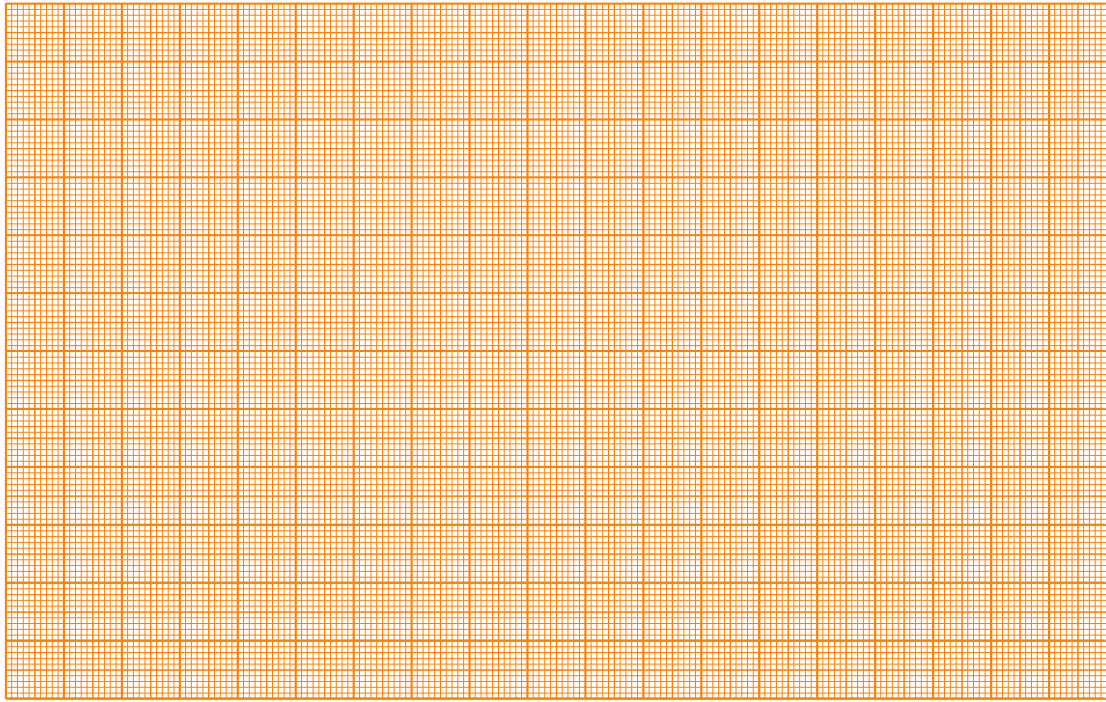
$\beta =$

**D.5** (0.4 pt)



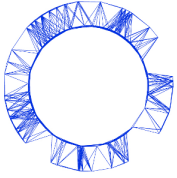


**D.6** (0.5 pt)



**D.7** (0.3 pt)

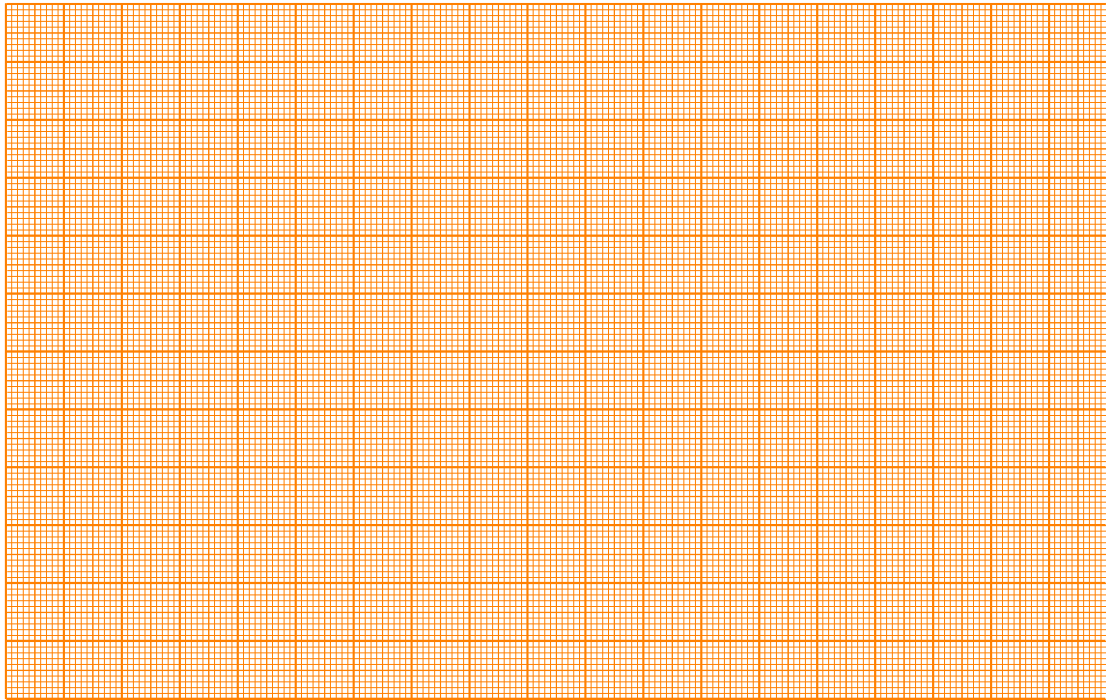




**D.8** (1.0 pt)

$$E_1 =$$

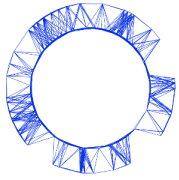
$$\tau_1 =$$



**D.9** (0.3 pt)

$$E_0 =$$

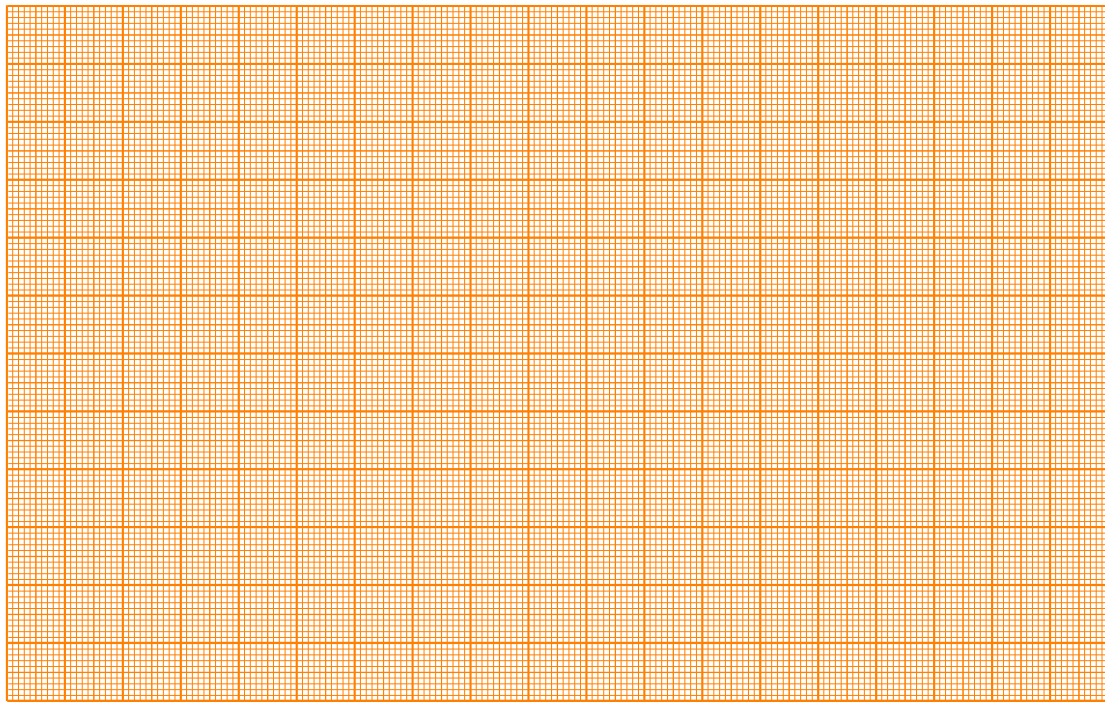
**D.10** (0.3 pt)



**D.11** (1.0 pt)

$$E_2 =$$

$$\tau_2 =$$

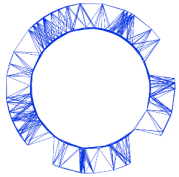


**D.12** (0.3 pt)

$$t_i =$$

$$t_f =$$

## Experiment



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# A2-11

Japanese (Japan)

**D.13** (0.3 pt)

$\tau_3 =$

**Part E: 一定の応力が付加される条件下での E の測定 (0.6 点)**

**E.1** (0.6 pt)

$E =$

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