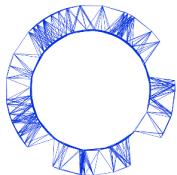


## Experiment



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**A2-1**  
Japanese (Japan)

## Japanese (Japan)

あなたの数字の癖を見るために、次の表に 0 から 9 までの数字を書け。

## Part A: 応力緩和測定 (1.2 点)

**A.1** (0.3 pt)

$$\ell_0 = \pm$$

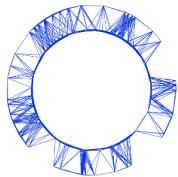
**A.2** (0.3 pt)

$$P_0 = \pm$$

**A.3** (1 pt)

この表のいくつかの列は他の課題で使う。

## Experiment



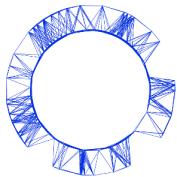
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# A2-2

## Japanese (Japan)

### A.3 (cont.)

# Experiment



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# A2-3

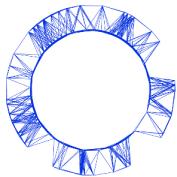
## Japanese (Japan)

### A.3 (cont.)

**A.4** (0.3 pt)

$$\ell = \pm$$

# 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)

$$D = \quad \pm$$

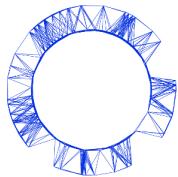
**B.3** (0.3 pt)

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

**B.4** (0.3 pt)

$$d = \quad \pm$$

# 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)

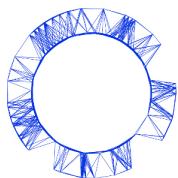
$\ell'_0$

±

## Part D: データ解析 (5.7 点)

D.1 (0.3 pt)

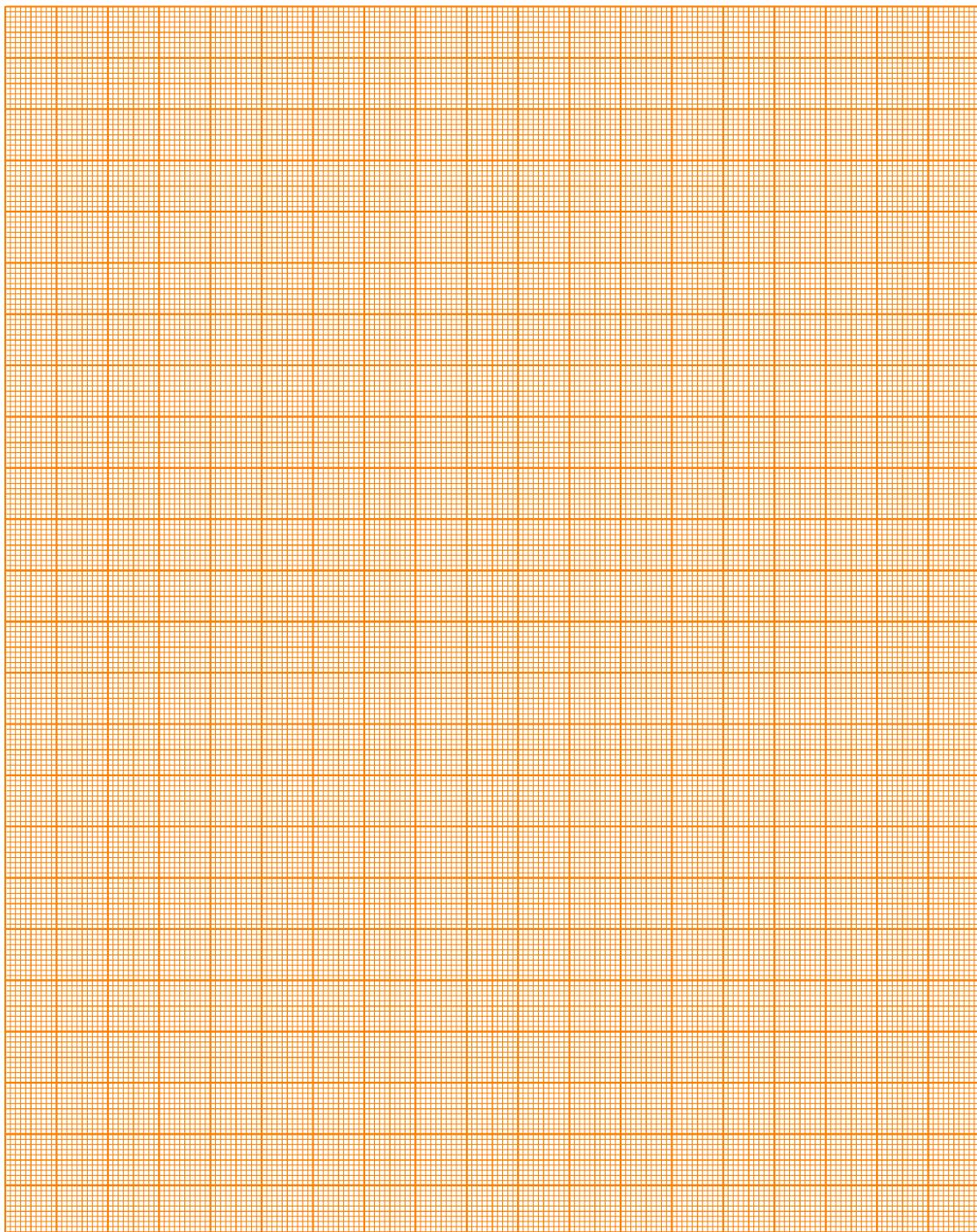
# Experiment



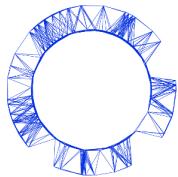
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**A2-6**  
Japanese (Japan)

**D.2** (0.4 pt)



# Experiment



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**A2-7**  
Japanese (Japan)

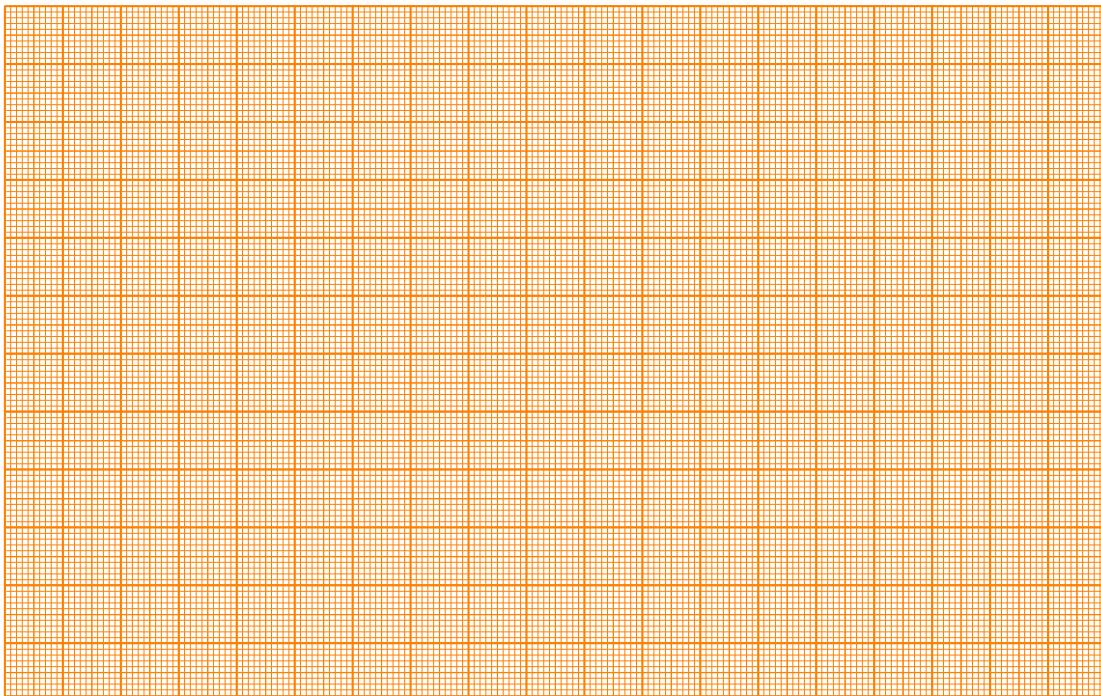
**D.3** (0.3 pt)

$$\epsilon = \pm$$

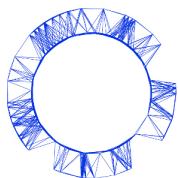
**D.4** (0.3 pt)

$$\beta =$$

**D.5** (0.4 pt)



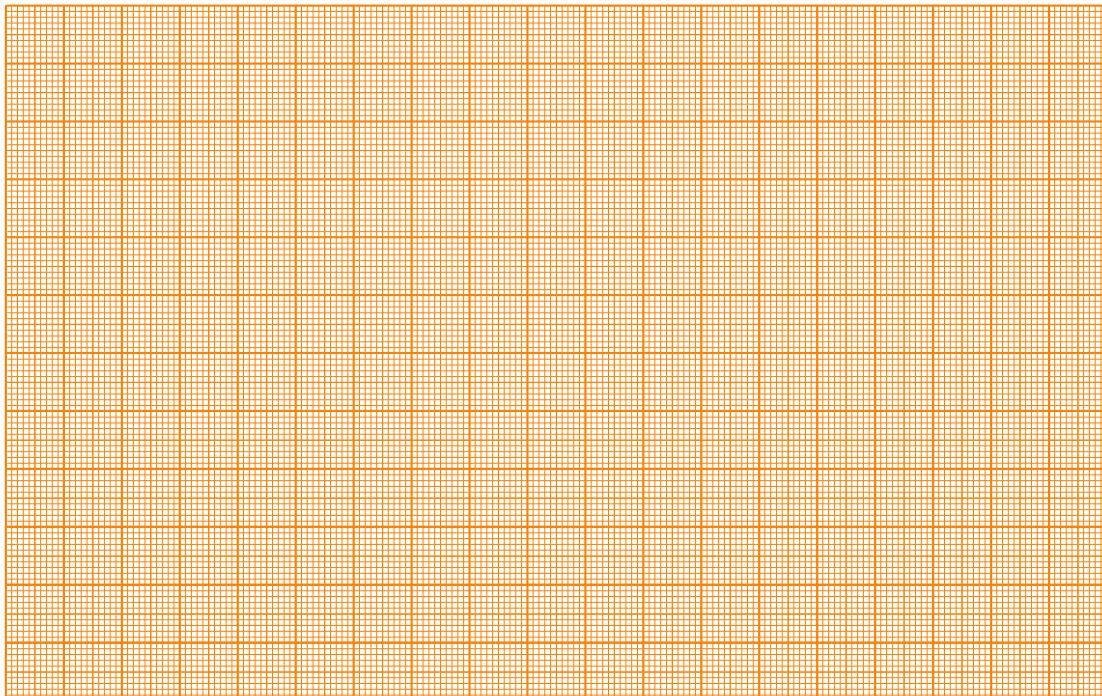
# Experiment



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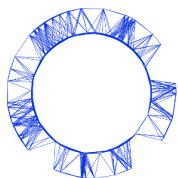
**A2-8**  
Japanese (Japan)

**D.6** (0.5 pt)



**D.7** (0.3 pt)

# Experiment



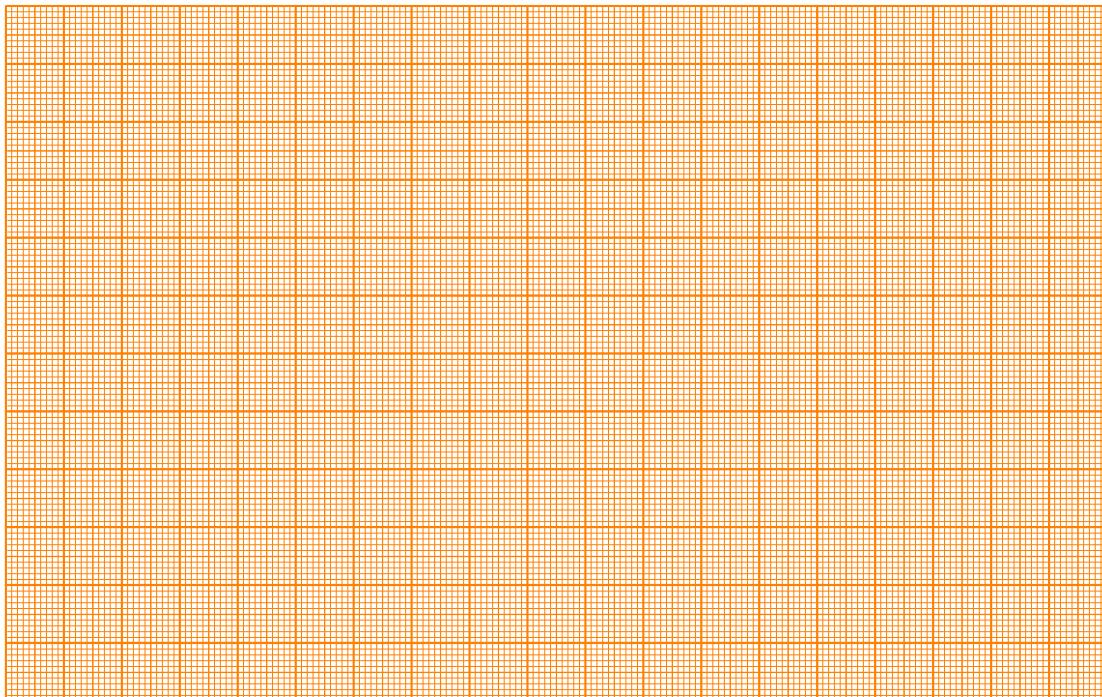
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**A2-9**  
Japanese (Japan)

**D.8** (1.0 pt)

$$E_1 =$$

$$\tau_1 =$$

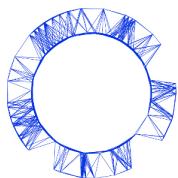


**D.9** (0.3 pt)

$$E_0 =$$

**D.10** (0.3 pt)

# Experiment



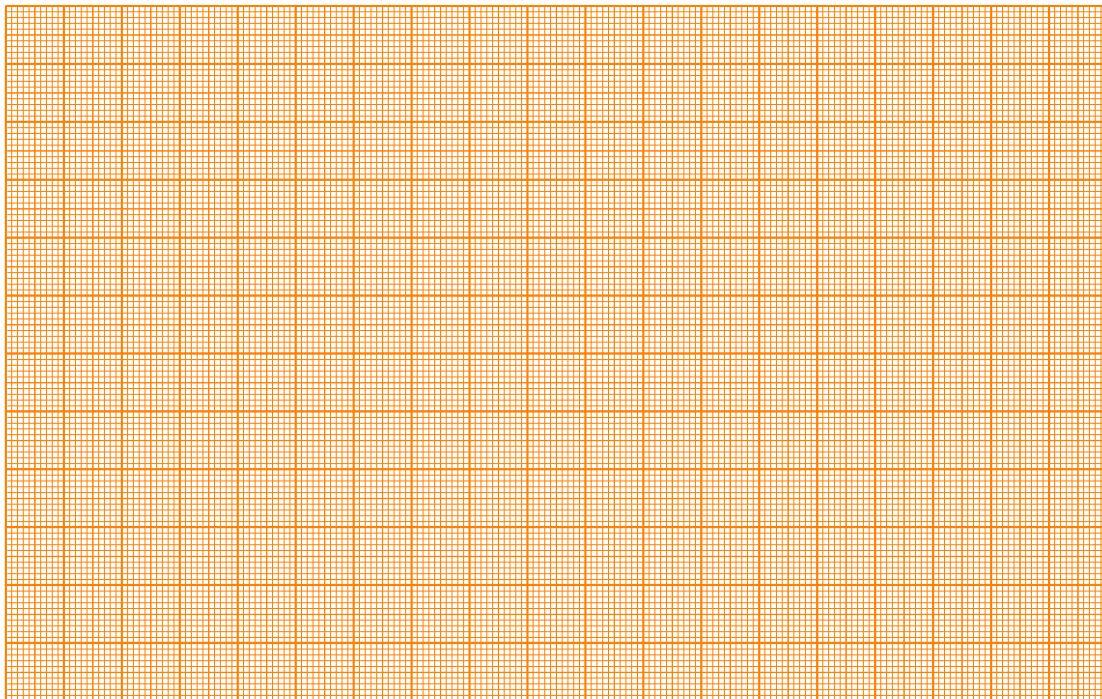
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**A2-10**  
Japanese (Japan)

**D.11** (1.0 pt)

$$E_2 =$$

$$\tau_2 =$$

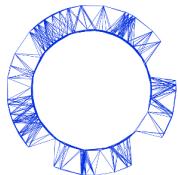


**D.12** (0.3 pt)

$$t_i =$$

$$t_f =$$

# 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)

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