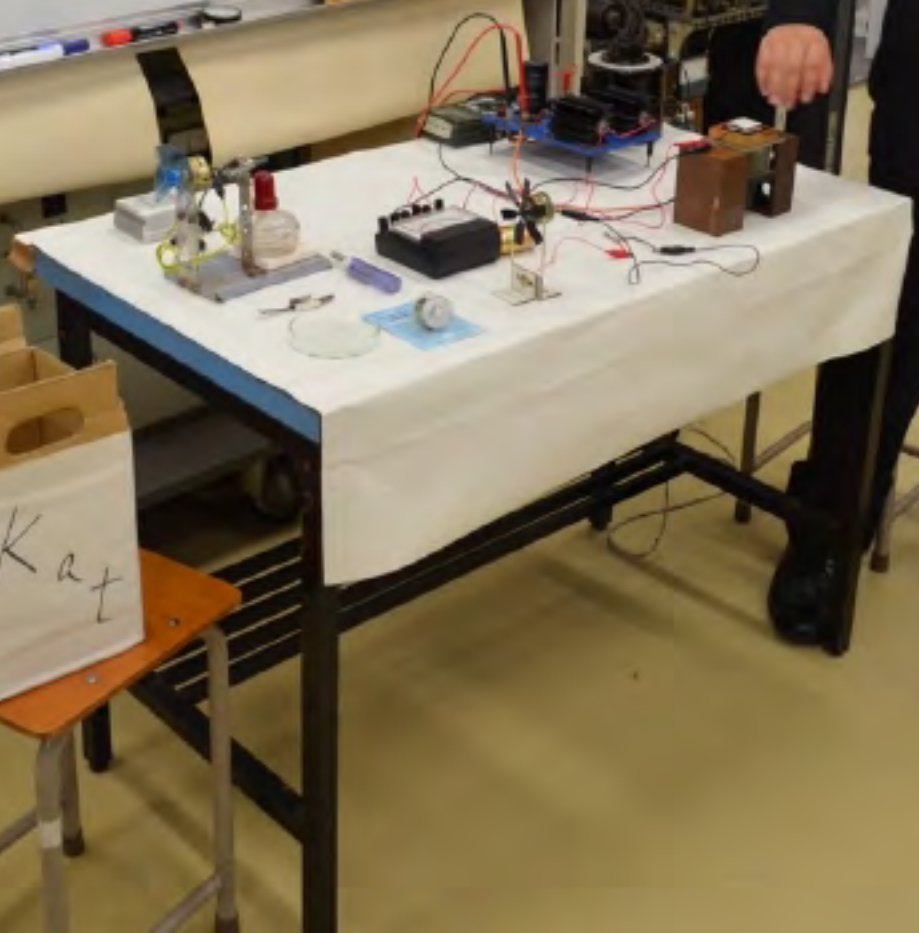
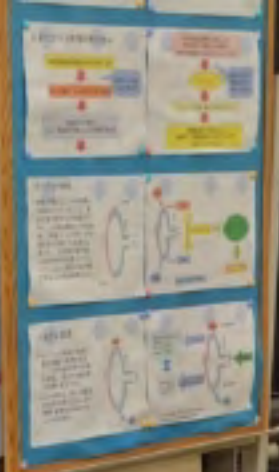


① 200 mA
MK
200 mA
2 SM
TM
140 mA

$\frac{N_1 N_2}{N_1 + N_2} = \frac{2}{48.66} = 10$
空乏層の幅は、 $1 \mu\text{m}$ 以下
 $C = \frac{\epsilon_0 \epsilon_r A}{x_i}$
 $C = \frac{\epsilon_0 \epsilon_r e \times 10^{16}}{x_i}$
 $x_i = \frac{1}{C} \times \epsilon_0 \epsilon_r \times 10^{16}$
 $= \sqrt{\frac{1}{C^2}} \times \epsilon_0 \epsilon_r \times 10^{16}$



SHIMODORA