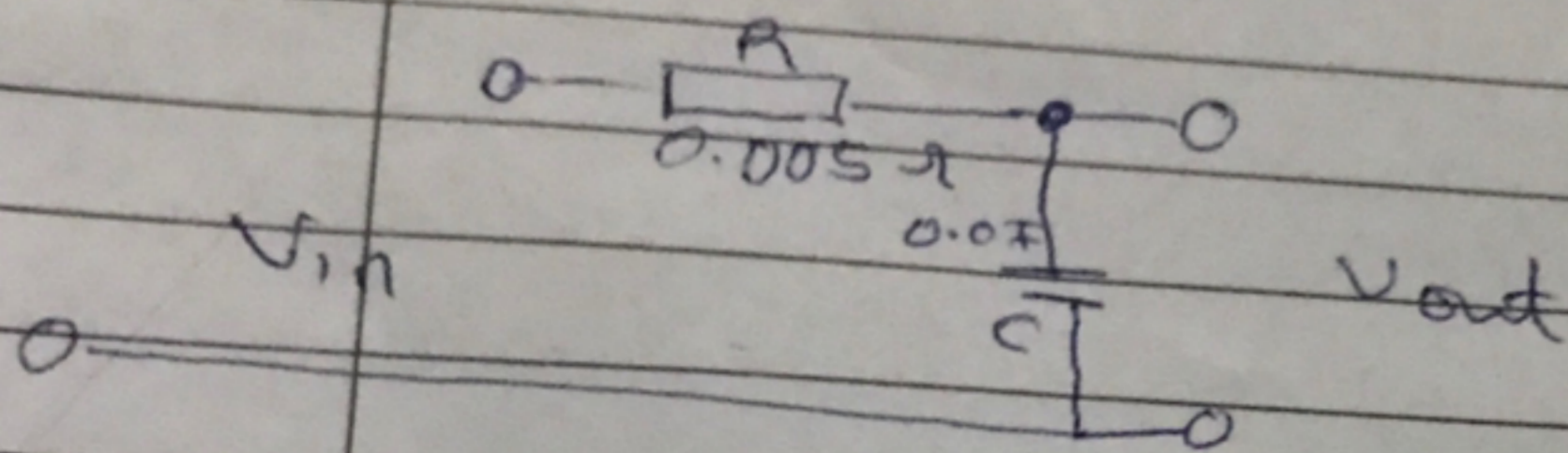


WEEK:

TOPIC:

DATE:



$$f_c = \frac{1}{2\pi RC}$$

$$= \frac{1}{2 \times \pi \times 0.005 \times 0.01}$$

$$= \frac{1}{0.000314159}$$

$$\text{cut off frequency} = 3183.099 \text{ Hz}$$