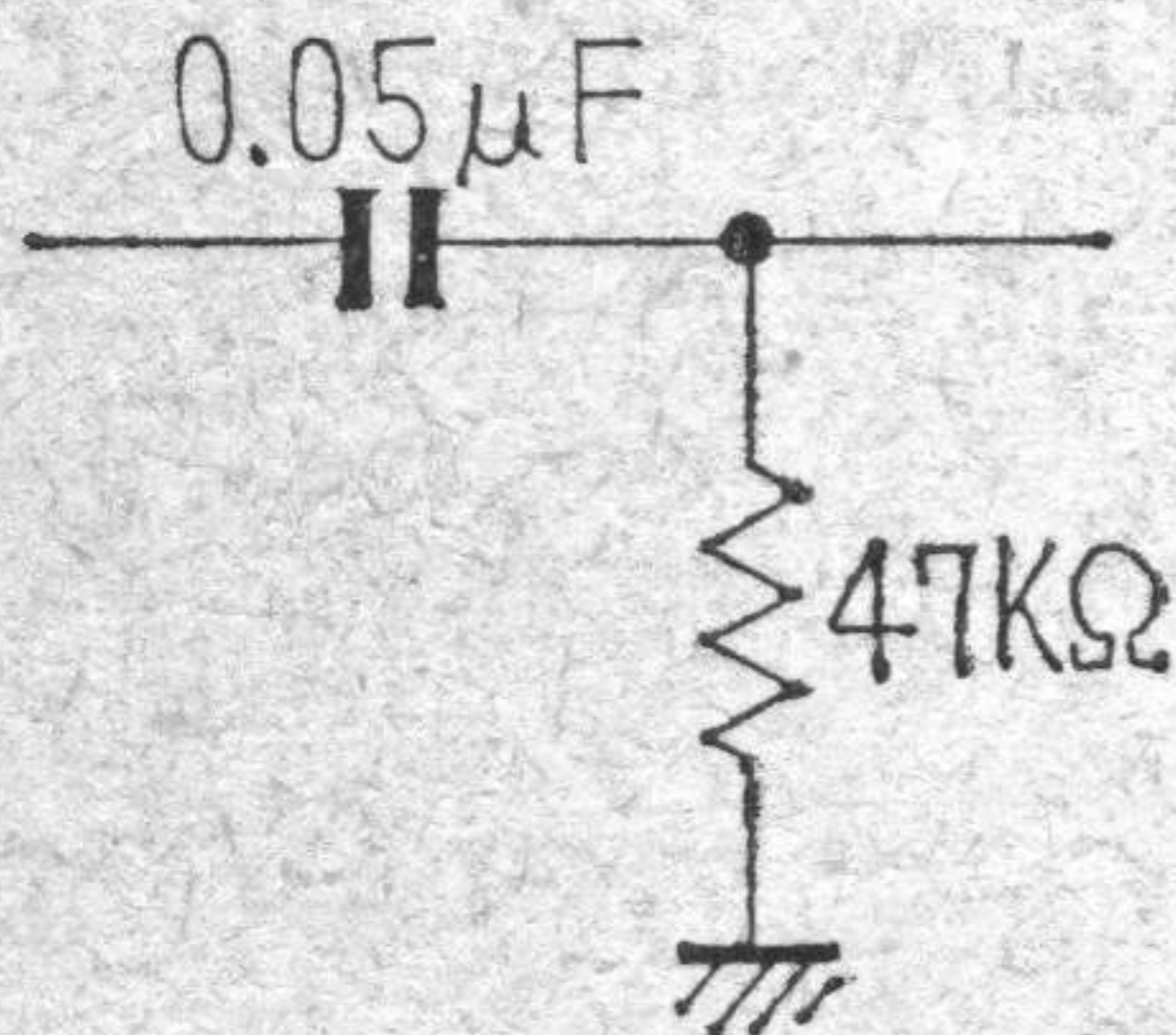


# 〔第23図〕 インピーダンスと周波

## 数特性



$$f_0 = \frac{1}{2\pi RC} \text{ (Hz)}$$

より

$$\begin{aligned}
 f_0 &= \frac{1}{2 \times 3.14 \times (47 \times 10^3) \times (0.05 \times 10^{-6})} \\
 &= \frac{1}{2 \times 3.14 \times 47 \times 10^3 \times 0.05 \times 10^{-6}} \\
 &= \frac{1}{6.28 \times 47 \times 0.05 \times 10^3} \\
 &= \frac{1 \times 10^3}{6.28 \times 47 \times 0.05} \\
 &= \frac{1000}{14.758} \\
 &\doteq 68 \text{ (Hz)}
 \end{aligned}$$