11.

$\left\|\begin{array}{l} k \quad |k| \geqq 2 \end{array}\right.$, $A(k) = \sum_{n=0}^{\infty} k^{-n}$. $\max A - \min A$.

$$A(k) = \sum_{n=0}^{\infty} k^{-n} = \frac{k}{k-1} \tag{1}$$

$$\max A = A(2) = 2 \tag{2}$$

$$\min A = A(-2) = \frac{2}{3} \tag{3}$$

$$\therefore \frac{4}{3} \tag{4}$$