· 45
(3;6)

$$\begin{cases} 6S_{\text{parzystych}}^{n} = S_{\text{parzystych}}^{n} \\ a_{2n+1} = 105 + a_1 \end{cases}$$

$$\frac{6a_1(q^n-1)}{q-1} = \frac{a_1 q^n (q^n-1)}{q-1} \quad / : \frac{a_1(q^n-1)}{q-1}$$

$$\boxed{6 = q^n}$$

$$a_1 q^{2n} = 105 + a_1$$

$$a_1 (q^n)^2 = 105 + a_1$$

$$36a_1 = 105 + a_1$$

$$\boxed{a_1 = 3}$$