4n 2, 0

250l. particular para as 21 y 4 = 67

$$\frac{K=2}{6c. caract}$$
: $x^2 - 6x + 9 = 0 = (x-3)^2$

Sol. general:
$$X_n = (c_1 + c_2 n) 3^n$$

Particulairando:

$$(1=) y_0 = (c_1 + c_2 \cdot 0) \cdot 3^\circ = c_1$$

$$1 = u_0 = (c_1 + c_2 \cdot 0) \cdot 3 = c_1$$

$$6 = u_1 = (c_1 + c_2 \cdot 1) \cdot 3 = 3c_1 + 3c_2 = 3 + 3c_2 = 6 \Rightarrow c_2 = 1$$

$$|X_n| = (1+n)3^n = 3^n + n3^n$$