$$f(k,3) = f(2) + 3 = f(1) + 2 + 3 = f(0) + 1 + 2 + 3 = f(0) + 2 + 3$$

Éj. 
$$f(k,i) = f(k,i-1) - ic$$

=> REKORZIVNA RELACYA POMOĆU KOJE DOKAZUJEMO:

0 4 a < 6 < m 24 ×0) = VRYEDI f(k,a) = f(k,b) mod m:

$$\frac{a(a+1)}{2} = \frac{b(b+1)}{2} \mod m$$

$$\frac{a(a+1)}{2} - \frac{b(b+1)}{2} = 0 \mod m$$

$$a^2 + a + ab - 6^2 - b - ab = 0$$
 mod m

$$= 5 (a-6)(a+6-11) = rm$$

$$(\alpha - 6)(\alpha + 6 - 11) = r - 2$$

JEDAN DD: (a-6) ILI (a+6+1) SU DJECJIVI S 2P ZNAMO DA NIJE (a-6) JER a-6 CN C 20+1, TAKOSER 2NAMO DE NUE (a+6+1) JER a+6+1 = (m-1)+(m-2)+1= = 2m-2 < 2<sup>m-1</sup> 2 f(k,a) + f(k,b) -20 0 £ a < 6 cm.