16.04.2016 1. 94-27 +1=68 N= 2.65+1 = 131 2. 80 99 => 7. Circopatt V; Mapuja X  $\left(\frac{7}{6}\right) + \left(\frac{7}{5}\right) \left(\frac{8}{1}\right) + \left(\frac{7}{4}\right) \left(\frac{8}{2}\right) + \left(\frac{7}{3}\right) \left(\frac{8}{3}\right) + \left(\frac{7}{2}\right) \left(\frac{8}{4}\right)$  $+(\frac{7}{1})(\frac{8}{5})+(\frac{8}{6})$ Cureban X, Mapuja V:  $\binom{7}{6} + \binom{7}{6}\binom{8}{1} + \binom{7}{4}\binom{8}{1} + \binom{7}{4}\binom{8}{1} + \binom{7}{3}\binom{8}{3} + \binom{7}{2}\binom{8}{4}$ + (7)(8)+(8) Cuepan X, Mapya X (3)+(3)(8)+(3)(2)+(4)(3)+(3)(8)+  $+\left(\frac{7}{2}\right)\left(\frac{8}{5}\right)+\left(\frac{7}{1}\right)\left(\frac{8}{6}\right)+\left(\frac{8}{7}\right)$ 3. 0,1,...,9

0,1,...9

S.: üpba uguppa 78 2.9!

S.: üpba ug

4. 
$$f_{n} = 3f_{n-1} + 10f_{n-2} + 7.5^{n}$$
  $f_{0} = 4$   $f_{1} = 3$ 

homogena:  $t^{2} = 3t + 10$ 
 $(t - 3t - 10 = 0)$ 
 $(t - 5)(t + 2) = 0$ 
 $t_{1} = -2$ 
 $(t - 5)(t + 2) = 0$ 
 $t_{2} = 5$ 

$$f_{n} = A(-2)^{n} + B. \quad 5^{m} = 0$$

$$f_{n} = A(-2)^{n} + B. \quad 5^{m} = 0$$

$$f_{n} = 3c. (m-1).5^{m-1} + Acc. (m-2).5^{m-2} + 7.5^{n}$$

$$5cu = 3c. (m-1).5^{m} + 2c. (m-2).5^{m-2} + 35.5^{m}$$

$$5cu = 3ca - 3c. + 2ca - 4c + 35$$

$$7c = 35 = 7. c = 3$$

$$7c = 35 = 7. c = 3$$