STOICA ROXANA-ANDREEA

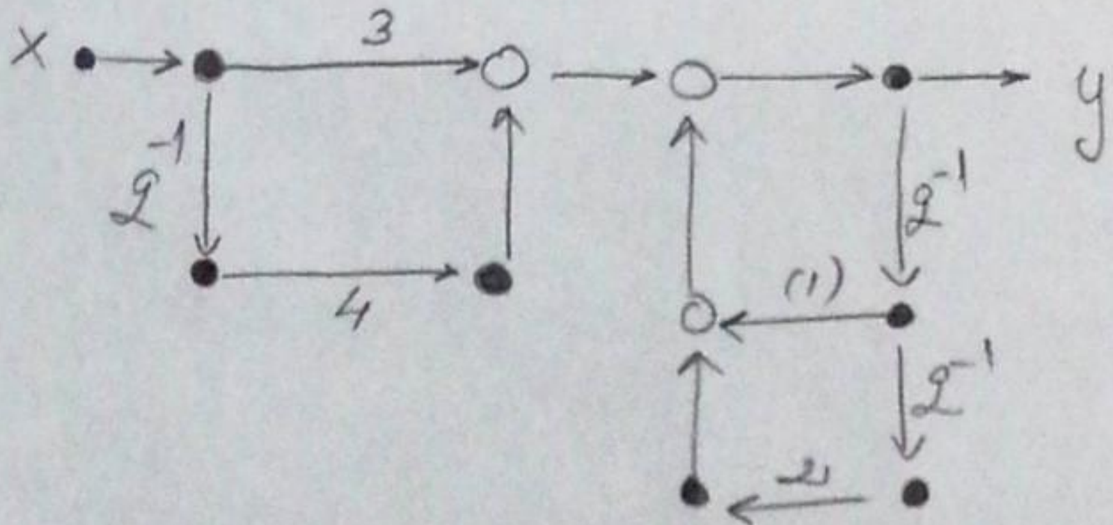
TEST CURS 5 GRUPA 334 AB

$$y[m] - y[m-1] - 2y[m-2] = 3x[m] + 4x[m-1] \quad , \forall m \in \mathbb{N}$$

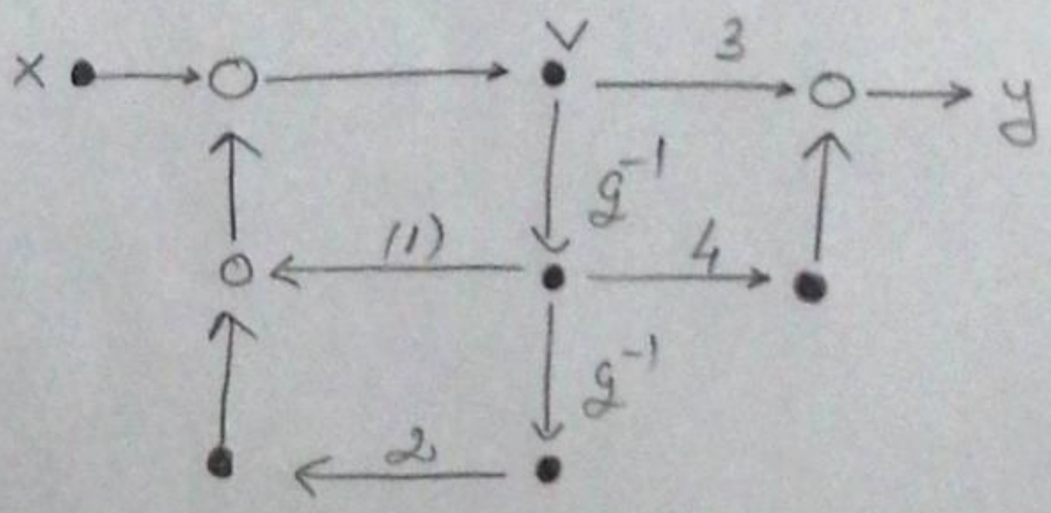
Schema directă 1 :

$a_0 = 1$, $a_1 = -1$, $a_2 = -2$

$$\Rightarrow V[m] = \frac{1}{1 - q^{-1} - 2q^{-2}} x[m]$$



Schema directă 2 :



Schema transpusă 2 :

$$y[m] = 3x[m] + (y + 4x)[m-1] + 2y[m-2]$$