$$y(n+2) - \left[\frac{1}{2}\right]^n y(n+1) + y(n) = 3^{n-1}$$

$y(0) = 2$

$y(1) = -1$

1. model v Simulinku
2. popsat signály na spojích
3. Scotě ukazuje $y(n)$

$$y(n+2) = 3^{n-1} + \left[\frac{1}{2}\right]^n y(n+1) - y(n)$$

$$y'''(t) - 3\sin(t)\,y'(t) - 2\left[y(t)\right]^2 = 1(t)$$

$$y''(0) = 0$$
$$y'(0) = 1$$
$$y(0) = -1$$

1. schéma
2. popis spojnic
3. SCOPE ukazuje $y(t)$

$\sin\left(y'(t)\right)$

$$y''(t) = 1(t) + 2\left[y(t)\right]^2 + 3\sin(t)\,y'(t)$$