$$y[m+2] - 4y[m+1] + 4y[m] = 0 y[0] = 1 3 2^{2}y[2] - 2^{2}y[0] - 2y[1] - 4[2]y[2] - 2y[0] + 4y[2] = 0 4|1| (2^{2} - 4^{2} + 4) = 2^{2}y[0] + 2[y[1] - 4y[0]) 4|2| = 2^{2}y[2] + 2[y[2] = 2^{2}y[2] - 4y[0]) 4|2| = 2^{2}y[2] = 2^{2}y[2]$$

$$Z\left[2^{M}M\right] = -Z\frac{d}{dz}\left(\frac{z}{z-z}\right)$$

$$= -Z\frac{2-2-z}{(z-z)^{2}} = \frac{2Z}{(z-z)^{2}}$$

$$y[n+1] = 4y[n+1] - 4y[n]$$
 $m = 0$ $n = 0$ $y[2] = 12 - 4 = 0$
 $1^{2}(1+\frac{2}{2}) = 0$ dx