Ahmad Malik

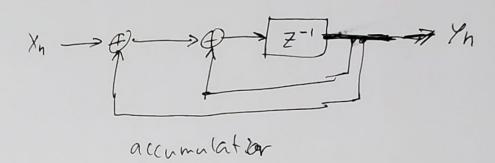
a

$$y_n = x_{n-1} + y_{n-1}$$

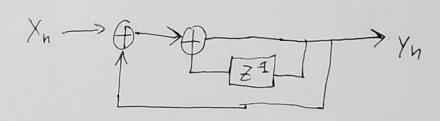
$$Y = Z^{-1} \times + Z^{-1} Y \rightarrow \frac{Y}{X} = Z^{-1} + Z^{-1} \left(\frac{Y}{X}\right)$$

$$\frac{Y}{X} = \frac{Z^{-1}}{1 - Z^{-1}}$$

c)



1



Alternative Accomulator