Z-Transform' Properties

2019年12月17日 ROLx = { pr < 121 < pr Property KOL Ix dx (XxInI) (-) Ex dx Xx(2) Linearity 20K ROLXK $X[n-n] \Leftrightarrow X(z) Z^{-n}$ ROCK except for possible 2=0 Time shift X[-n] (-> X(z-1) Time reversal {Pi' < 131 < Pr'} Multiplication by K" $XMX'' \rightarrow X(X'Z)$ {1KXPr < 121<1K1XPr} Convolution (time) $X[n] \times X(Z) \times (Z)$ 2ROCXIN ROCXI $\sum_{m=-\infty}^{\infty} X[m] \longleftrightarrow \frac{1}{F_Z} X(Z)$ Summation 2 ROLx () {K 131} $nX[n] \longleftrightarrow -Z \frac{dX(z)}{dz}$ ROLX $> \chi[n] + \chi[n] = \frac{100}{200} \chi[n] \cdot \chi[n-k]$

n-K>0 KW