

4>n>1 xe[n]=0.5 x[n] (as x[n]=0 =0.5 (4-M) = 2-0.5n re(n) = 0.5 (x[n]+x[-n]) -45n<6 ~45n<-1 = 0.5(0+(4+y)) = 2+0.5n $Xe[N]= \begin{cases} 2+0.5n, -4.5n < -1.5n < -1.$ Hence, Fer odd component? 12 - 3x - [N]x) 2.0 = [N] 0x N =0 X = [N] = 0.5 (x[0] -x[0]) =0 xo[v]= 0.5 (x[v]-x[-v]) o for orgative n. 4>M >1 = 0.5(4-n-0)= 2-0.5n >0.5(x(n)-x(-n)) >0.5(x(n)-x(-n))-45 N < -1 = 6.6(-(4+n)) = -2-0:5n $x_{6}[n] = S - 2 - 0.5n, -4s ns - 1$ 0, n = 0 2 - 0.5n 1snsy 0, otherwiseHen ce