Parcial Sergio Educado Peño Sontamorio y(t)=ex(ct-b); a=3, b=2, C=2 SIND GOAD (0) (0) 300 9 Es causal pres la salida no depende de valores futuros. Linealizad Homogeneidad y(t)=e+x3(2t-2) $X(t) = \alpha X(t) = \gamma Y(t) = \alpha Y(t)$ 7(+)= e (xx) (2+-2)= e xx (2+-2 y(t) tay(t) => NO es reon 2. y[n] = n x [bn-a]; a:15; b:5, (nvalianza: X ENT = X EN- NT 4. [0] = X [5n-15-7 Variante Pues no es de Forma X En-Linealizady Homogereo NIND = LUIX Norma

101=00 X 1 En- 157 eldury L= [U] h so = [U] Aditividad X+[N] 3+[N] = X+[N] J2 (N) = X2 (N) (0) = (1) + <= (1) + X = (1) + X = (1) X [21-05] X + [31-05] X = [0] Y => (nuble (ou d9:45/15/98) Er Mineal 3 Sea X[n] = (05/ 17/3/14 917/2] + Sen/42/3/14 1 12 Per:02101202 67 42 = 44 IID = PW => W=1 K No M=6 Sim=40 100 T 115 12 = W=> W=5 , N=1 1720 TIST 6.1=6 => Pero20 Fondarenza) =6 MCM 1.6 = 6

X(f) = 0 + 7 F Con 9=7 9) X = (+) = X (+) + - + + + + + (- + +7E 10 -40 - 141 237624,5 X= (+)= X(+)-X X0(1)= 72,499 Norma