Valdivia Sánchez Angel · Red de Hamming. X>1=1 [111-11-1]=p1 A1=[1-1-1-1-1] A2=[1-11-11-1] [11-11-11]=pz A3=[11-11-1-1] N=6 Np=2 $\bullet N = \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2}$ $\frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2}$ • bios $\frac{N}{Z} = \frac{6}{2} = \frac{6}{2}$ · U(o) Estado inicial A = [11-1-1-1-1] 1 - 1 1/2 1/2 -1/2 \frac{1}{2} - 1/2 \frac{1}{2} $\frac{1}{6} \cdot \begin{bmatrix} 1 \\ 1 \end{bmatrix} + \begin{bmatrix} 6/2 \\ 6/2 \end{bmatrix} = \underbrace{1}_{6} \cdot \begin{bmatrix} 4 \\ 4 \end{bmatrix} = \begin{bmatrix} 0.60 \\ 0.66 \end{bmatrix}$ UO)= { { (0.66, 0.66) U(0)=[0.66,0.66] -D Salida segunda capa E= 1 = 1 = 1 = 5 0(0)=[0.66,0.66] U1(1) = (0.66 - 1/3 (0.60) = f (0.528) = 0.528/ Uz(1)=(0.66-1/5(0.60)=(+(0528)=0.528) (0.528,0.528)-Asigne iterando -Lo.528,0.528] U1(2) = (0528-1/5(0.628)= f(04224) = 04224 Uz(2) = (0.528-1/5(0.528)=(1(04224)=0.424) - [0.4224, 0.4224.] - + Hay & solidas: inque itarairo

(113) = (0.4224-42(0.4224) = ft (0.33) -0.32/

U1(3) = (0.4224-42(0424)=4(033)=0.33)

[033,0,33] - alleio

U(4)=(0.93-1/3/0.33)=(1(0.26)=0.2 [0.76,026] - 0 Hera X < 0 = -1 x(0,1)=momovalor (15)=(0.26-15(0.26)=0.20, U(3)=(0.26-1/5(0.26)=0.70 [020,020] - Hela U(6)= { (0.20-1/5(0.70) = 0.16) U(6)-f1(0.20-1/5(0.20)=0.16/ CO.16,0.16] - 11cra. U(7)=ft(0.10-1/5(0.16)=0.12 U(7)=4t(0.10-1/5(0.16)=0.12 [0.12,0.12] - Hera 1)1(8)=H(012-1/2(012)=0 . . 2 Saldos con leio puede asociar con cualquier patron · Estado INICIAL A2[-17-17] $= \frac{1}{6} \cdot \begin{bmatrix} 2 \\ -2 \end{bmatrix} + \begin{bmatrix} \frac{6}{2} \\ \frac{6}{2} \end{bmatrix} = \frac{1}{6} \begin{bmatrix} \frac{5}{1} \end{bmatrix} = \begin{bmatrix} 0.83 \\ 0.16 \end{bmatrix}$ U(0)= (1(0.83,0.16) Uo=[0.83,0.16] U1 (1) = (+(0 83-1/5(0.16) = 079) UL(1)= ff(0.10-1/5(0.83)=0, [0.79.0] .. Setiene uno salina y Az asocia con PI. · Estado inicial A3=[11-11-1-1]

to [1/2 1/2 1/2 -1/2 1/2 -1/2]

[1/2 1/2 1/2 1/2 1/2 1/2]

[1/2 1/2 1/2 1/2 1/2 1/2] $= \frac{1}{6} \begin{bmatrix} 0 \\ 2 \end{bmatrix} + \begin{bmatrix} 6/7 \\ 6/2 \end{bmatrix} = \frac{1}{6} \begin{bmatrix} \frac{3}{3} \\ \frac{3}{3} \end{bmatrix} = \begin{bmatrix} 0.3 \\ 0.83 \end{bmatrix}$ Vol=++(0.5,083); vo[0.5,0.83] $U_1(1) = \{1(0.5 - 1/5(0.63) = 0.334 | 1/610.$ $U_2(1) = \{1(0.63 - 1/5(0.6)) = 0.334 | 1/610.$ $U_1(2) = \{1(0.334 - 1/5(0.334)) = 0.186 | 1/610.$ $U_2(2) = \{1(0.73 - 1/5(0.334)) = 0.186 | 1/610.$ U1(3)=(1(0.188+1/4(0.66)=0.05) Hera U2(3)=+1(0.66-1/5(0168)=0.62) V1(9)= [1(005-1/5(007)=0 "Saliday VL(4)=ft(0.62-1/5(0.05)=0.61 As asociation Pa

U(4)=(0.33-1/5 (0.33)=(+(0.26)=0.26)