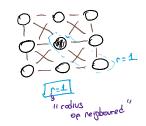
Monday, December 23, 2019 9:22 AM

Cellular Neural Network



6) "Local connection" brightis yapplin 6) Sodece yakundahler ile bagianti yapar

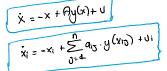
(2rt1) x(2rt1) tone "neighbound" olur

Hooplano islamleri

Os "Symmetrie Templete" dustrutur

6 1,2,3 adlandırması yapılır.

gosterimi
gosterimi



Örnele Cossum

① Index numanosndokmi sea

6=1 c=2 : 2) Yokunndokıleri ele ol

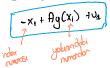
$$b =) \begin{cases} 245 & 1 \\ 5 & (e, a, b) \end{cases}$$

$$c =) \begin{cases} 245 & 1 \\ 264 & a = (d, c) \end{cases}$$

$$c =) \begin{cases} 245 & 1 \\ 264 & a = (d, c) \end{cases}$$

3 Vinnaco gasano assa parter

(4) Digar depostantes etcle



x = [x1, x2, -xn] "Stote cell"

A= {ans_nxn "feedbook motrix contons woights"

v= [v1, v2, -vn] "Thouts"

y= [y(x1), y(xn) - y(xn)] ""Outputs"

The Expression for y

 $y(x_i) = \frac{1}{2} \left[|x_i+1| - |x_i-1| \right]$

The state equation
$$0 + he$$
 conv.

The state equation $0 + he$ conv.

The state equation $0 + he$ conv.

$$\dot{x}_1 = -x_1 + a_1 y(x_1) + e_1 y(x_2) + e_1 y(x_3) + a_1 y(x_4) + e_1 y(x_5) + b_1 y(x_6) + u_2$$

$$\dot{x}_2 = -x_2 + e_1 y(x_1) + a_1 y(x_2) + e_1 y(x_3) + e_1 y(x_4) + e_1 y(x_5) + e_1 y(x_6) + u_4$$

$$\dot{x}_3 = -x_3 + e_1 y(x_2) + a_1 y(x_3) + e_1 y(x_4) + e_1 y(x_5) + e_1 y(x_6) + e_$$

(5) Motor obstrates namooli dontrele ele olar, digerkis O olun "neighborice"

b=) {a.e.o.b3 [ae 0 = 5 0 000]

c=) {e.a.e.d.b} [eaed = 6 000]