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| | Why Digo. |
| > | The Hard of the state of the st |
| · · · · · · · · · · · · · · · · · · · | - To decrease the enor, subvact this |
| | from actual uselight |
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| | n = learning rate (eta) |
| | 7: learning rate (etc.) > How for to go? |
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| | 149 of marpoid + |
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| | in the second second |
| | > Unsupervised Learning |
| | 01,000 |
| \Rightarrow (2) | Competitive Neural Network |
| , 0 | -> form of unsupervised |
| | learning in ANN modes compete |
| | Competitive Neuval Network Torm of unsupervised learning in ANN modes compete for the right to respond to the Subset of input data Thereasing the specialization |
| | Subset of input dala |
| | |
| | of each node in the no. |
| | (d) 100 x (d) 1 200 x (t) 10 6 |
| | => (Hebbian Learning |
| | Proposed by Donald Hebb |
| | A B |
| , | o was |
| | 1. Neuron M is near B, Fires |
| | or excites B, metabolic changes happen |
| | both in A and B, (A efficience in B |
| | increases) "311 |
| § * | excited (Synaptic strength in creases) |
| (A.J. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. | excited (Synaptic strength in creases) |
| | 3. of A and B are activated |
| | unsynchronised, (strength of synophe dicressed) |
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| | Pre Post A + + + ve |
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| | Fealures Op & DATE DATE |
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| | 2. Local. A. B. |
| | a hocal. |
| | O. Stroppoly delay () |
| | 4. Correlational (+ve, -ve, uncorelated) (Same unlyne) Time 72 B No excitation 1 wk; wky |
| | (Some unlyne) |
| | A B NO excitation |
| | 1 wkj 1 wkja cano |
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| | 69418:000011 |
| | CHSUPERVISED LEARNING |
| | => Sett - organizing Man (SOM) |
| | => Sett - organizing Map (SOM) |
| | -1- wast - Oa |
| _= | classification of Synaptic Hebian - wxj1 with the correlation |
| | 2. Anti-Hebbian > wxj with -ve " |
| | 3 Non-Hebbian > |
| | The state of the s |
| => | Mathemalical model |
| -/ | Dwy = F(Yj, YR) |
| | Adicity broduct = 1 x; yk Reale Carrier Dayaneter |
| | hale is learning parameter |
| | |
| => | 2 compelitive |
| | M, won |
| | 12 o bles o hibite |
| | ×3 0 / 1/2 |
| | XIII Yo |
| | -> All ilp connected to olp |
| | 7 per ile is trying to inhibit the ofp neuron |
| | -> All ilp connected to opposite the opposition one ilp is trying to inhibit the opposition only one of usill become the competitor and by not sharing the weights |
| | and hu not shaving the weights |
| | |
| | Higher chances for the same neuron to |
| | win. DACE |
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| | Babic Elements |
| and the same of th | 1. All Popul neurona are structurally |
| | Similar intial apelghis |
| NEWSCHOOL STATE | 2. A unit in emposed on the Averth |
| - | |
| | of each neuron compete for the right to respond |
| > | Nelwork Architecture |
| NOTES OF THE PARTY | DAMAS NE = UZ adisonili M. |
| | others to zero |
| | 1K - \$1, VK>B, J, J+K (01) |
| | (0, |
| | is not updated. |
| | Auri = Solaj-arij) > K wins competition |
| | $X = \{x_1, x_2, \dots, x_n\}$ |
| app | 200 |
| | MK TONKI, WKI WANT |
| | From the Common of the Common |
| 400 | A STATE OF A |
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| | X = \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |
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