By adding @ and B, we get ow - < con + 100 But the A Equation defines, with 2 2-400 so, et 93 a non-19reaux data. Hence, we carrot backeren baccolapion. Note: In oxdor to valve non-lineare data, use go gove Hutte-Layer Perceptager (MLP) Presare natural machine Nore- | ercose restrante maiteire * Separate with a Proc sources offer storages # degree of function 9s &1 dagress of franciscor 20 >1 * Glope 9s constant slope well varies Single layer toward trations: Single output layer (only one adopt uput layer Hutte-ayex traveal trateorte: Proput -> yearly contracted layer -> layer between Priput and output layer caused tolder layer - All the outputs are necessariseted to headen layer (All the rouxons or Petrorconnected we can have n- roumber of Holden layers Book on the features of Prepet dostravets, Proper comes Based on the down, the autput layer comes ULP (Huthlager Percaption) has aserget for

each and every edges.

Huttlayer paraption:

Huttelayered graphe trave layer of reades.

second layer to rest consecutive layers to second layer, from

This type of totalor until Proformation flowing from one and to another me one direction thorough noticemediate layer is alled forward totalor.

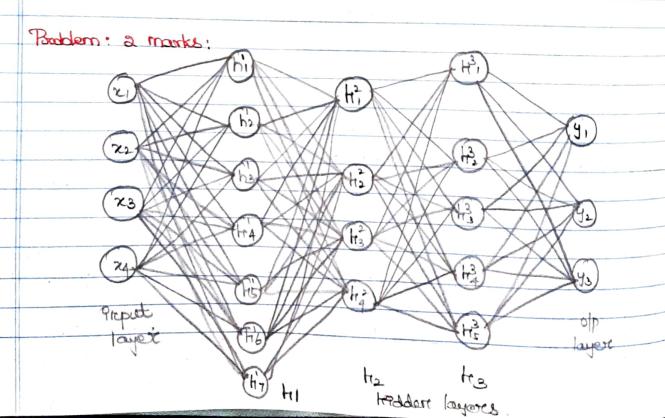
Features of MLP:

(and the

I restroom with muttiple hadden layous is a mutte

The redox on the trodor layer and extrat layer are principle with with rest-throws arthurther functions.

The muttiple trodor layers combined with non-thouse arthurthor functions to be to value non-thrown separable problems.



-> 3 triddon layous -> 1 output layer + 30, 4 layered rotrootk Heddor byer I - Trados 2 - 4 redes 3 _ 5 redes output layer 1 - 3 reads Calculation of total number of parameters: Associated layer No of weights Bras (Interconnecting layer (rep. of reades) reades multiplication) Treport layer to hi 4X7 = 28 hi to he he to he 4×5 = 20 his to author lower 5 x 3 = 15 Total 91 19 Total roo of parameter - No of weight (tota) + bias Hotal) = 91+19 =110 The complexity of toward todowork doporals on the reunibex of reador reador It as exercial to flind the oright rumber of bridger nades by your turking the model with various combination.

The problem at hand is how to change

For single layer perapticion, usergitas and bras batuern tha heddern and off layer were aparted using the difference between the artical and producted autputs the the off layer.

How expected output the the holder layer. So, leaving algorithm used the HIP 98 backpropagation algorithm.

Optemezation Technique

The difference between the articl and the

Le their exerce 98 mentioned, the model becomes

Parent denotion (ox) toos function: