DL Assignment 5 No. of RNN unit = 2 10 hp = tanh (wx . xt + wh. ht.) h, = tanh 2 0.99505 - 0.99932 he = fah tanh /2 x 0.99505 -0.99932 X 0.99999 h3 = tanh (3x

300 COS NE MI SURVED [Euz-Dugen and en कागर भारे 10-18 0 ma Durusta. (-(r) TU 423 03 13- पथ ) eles our FAB yd Glorg own FBA 1941SBVD ज्यादीलंड 49 ro11810D Binia PB: guero Jun 16 Lash wisions exister PA, merre Escon or 8PB. next

Embedding > Cinput dim (required output dim Simple RNN (1) -> 4544

(64 × 64) + (64 × 6) + 64

(recurrent weights) (no. of (biases)

= no. of unit + units × & no. of units no. of Features. From embedding) Simple RNN (2) -> 3104 (32 x 32) + (32 x 64) + 32 (recurrent (i/p weights (backprop = no. of units weights) x no of units OF previous layer) T Simple RNN(3) -) 784

(16 x | r) + (16 x 32) + 16

(recyrrent (i/p weights) (backprop. weights) Topological a

Dense -> 408

(24 x 16) + 24

(no. of units

x no of units (back prop)

of previous

RNN layers)

Dense (output layer) -> 150

(6 X 24) + 6

(no. of o/p x no. of

units units of (backprop)

previous

hidden

layers