LSTM memory and and introduced * Long reduce Pradicul explosion ranish (Jupus Gase) LONG (autpul Gos) SHOP . MAST MEMORY SIGNOID 18 EW (Hidden) bus, des SHORT? TERM (forget MEMORY Input Forgel Gale New Short Toom percentage of a Memor forgotten 1 % Potensial % Potential Memory ST. Memory LT Amound of be updated 0 Potential Memory 1 new longerm memory

LETME can face vanishing /exploding O Juaccurale initialization 2 Extremely deep networks. * Units are like neurous, more in everyone more neurous in - The same layer.