































































	Viterbi	
function VITERBI(observations of len T, state-graph) returns be	est-path
num -states \leftarrow NUE Create a path prol viterbi[0,0] \leftarrow 1.0 for each time step for each state s viterbi[s,t] \leftarrow backpointer[Backtrace from h	M-OF-STATES(<i>state-graph</i>) pability matrix viterbi[num-states+2,T+2] b t from 1 to T do from 1 to num-states do $a_{1 \leq s' \leq num-states}$ $s,t] \leftarrow argmax viterbi[s',t-1] * a_{s',s} * b_{1 \leq s' \leq num-states}$ ighest probability state in final column of vite	bs(ot) erbi[] and return path
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