

- what is NN
 - perception
 - stacked ...
- " is a CNN
 - matrices ... convs - map whicces features in a space
 - how many patches
 - hyper params ... mappings, pooling, flattened NN - catog
 - image example
 - no of patches - as hyperparam. - many many
 - less features as we go up
- a case of reinforcement l. is useful
 - games - dota, starcraft
 - + loss fn
 - win/lose too sparse
 - q / policy - push back portion of
 - probabilistically best action
 - start to fin / fail - an episode, wind back over each action
 - to sparse rewards - not easiest
- sim. anneal
 - + exploit vs explore
 - evol. algo - indivs, aut. mutation, pass on gen. mat.
 - combi. indivs.
 - crossover
 - large pop., drop indivs. Boltzman
 - smaller & smaller prop. of best indivs.
- BAE - clone less, top performers ...

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