60004200107

1. Mode pare reauny . . .

- · Agut bound to penallet dynamis of 1/8
 environment, pulling an Prental model
 of environments, state transition and enewands
 · In model boxed learning, agents med
- expensionce to update lk internal model, which typically consists of two main comporate a) State know then nodel. This component predicts next state given averas state and action. It captures the environments dynamics and and can be represented as publishly distribution over next state.
- Expected revound green curvers state and a won.
 It captures environments revound structure.
 - once again has an accurate mode, it

2. Temporal based leauning

- nethod which means that agent down not leaven an explicit model of embremner's dynamis.
- re value function by upday PK estimates welry the difference between accurate and

peredited future rewards, person as

temporal difference envoir

To relating is combinational two other

resoftenement beaut. Morte earlo and

dynanic programming.

The combines idea of samply from meliany

com hobbits appy from DP.

There are too perimary rections.

O) SARSA (star Action Revaried Star Action)

mis is an on policy To recurring algorithm,

conich means it rewas the variety the policy

being followed the apris upday its across

vary based on wood sees

b) B lowing based on wood your value of policy. To algorithm,

contif means it leaves value of policy to algorithm,

contif means it leaves value of policy to algorithm,

contif means it leaves value of policy to algorithm.

contif means it leaves value of optimals

policy regardless of policy being followed.

cueleres Steep.

on an augre and proces video date, enabling the Ulger decision mail and automatic views tayla

It can penjor toux like.

me algoriths can be trained to leterthy and brack objects, such as peoples vehicles dos and in meal the . This allows surveillance system to monitor specific objects of Inscreet

Me can be used to detect and analyses motion in video stereard, enough sylen to identify when activity and terify alex or other arms when

Behavious analyses

ML algorithe can be brained to recognize and
analyze specific behavious or active, such as
peropus collecte, fights or thefts., allows
system to respond to such dangerous
struction

A) Anamoly determ

ML can be used to establish normal patter of

activity in a video stream and identify any

deviations from these patters, signally powerful

security. Hear

5. Failal recognition

ML terniques can be used to Polarity: Problems
by video streams, account for personalison security meany, access covered.

6. Cerowd analysis. me can be applied to analyte cuousel behew row, dersily and movement partiers can be used for public safety.