Variables:

tollower:

Nt police robots susibble at the t to distoible across 2 stores. lerder:

(1) type of police robot K meybe word?

Ct clients, but problems of being robbers

so: Rt = r. Ct robbers

moreover: 3 levels of risk ecceptence;

11: risk evoiding

12: medin

C3: risk lover

prob of being robbed in each place? Stately: Sit = Pj.?

> prob delle Ama J d'esseu mosts

5 = (dyposite). disposite

| Jedicological | J

(X1, X2, ···, XZ) dove X; & Xx Robot melle Marze:

(Y1, Y2, ..., Y2) Y: & & CADRI rell2 stanze ?

Poins detendence ? e poi ? Objettivo: determina $\stackrel{-}{\times}$: argmax $\stackrel{-}{\times}$ $U_{i}(\overset{?}{\times})$

KeX :=1 utility function di on vobet?

 $P_{ijt} = 1 - (1 - P_i^*)^{k:t}$

Jej ich Pijt Pijt + (1-Pijt) Tijt tie di criminal i' Hampe Kit robot

di beccore

3

tipo j rella stanta-1 annink al temps t Per il remant alitutti i criminali: cambiano salo: Reman/cost

n'dicammili di

Vit poliz pers Xit sono rella stanta i

 $P_{ijt} = 1 - (1 - (P_i))^{it}$

probdibecere removile

Considerare invice de il payoff de 1.AH : Crimbeli consolerations a one.

MA mergansa tottl egyinde 2 messim (2 sonne