RL ASSIGNMENT - DARIDO, SERILLI

5

STATES

STOP 1

STEP 2

STEP 3

@150be 2

$$Q(3,1)=R(3,1)+9$$
 max $\{Q(1,5),Q(1,3)\}=80=0$ $Q=0$ Q

STER 4

EPISODE 3

$$Q(4,5)=R(4,5)+4\cdot \max\{Q(5,5),Q(5,1),Q(5,4)\}=0 \Rightarrow Q=0$$

EP15006 5

$$Q(2,3) = R(2,3) + \Phi \max \{ Q(3,1), Q(3,4), Q(3,2) \} =$$

EPISONO 6

$$Q(0/4) = R(0/4) + Q \cdot \max_{x} \{Q(4/3), Q(4/5), Q(4/0)\}$$

$$= 0 + 0.8 \cdot \log_{x} \{Q(4/5), Q(4/0)\}$$

$$Q(4/5) = \log_{x} \{Q(4/5), Q(4/5), Q(4/0)\}$$

$$= 0 + 0.8 \cdot 100 = 20 = 0$$

· The best sequence to reach the GOAL grown 2 is the Sollowing:

