

Initial values
$$b(x) \pi(x) \times (x)$$

$$R(0.2,0.8) (0.2,0.8) (1.1)$$

$$S(0.1,0.9) (0.1,0.9) (1.1)$$

$$W(1,1)$$

$$W(1,1)$$

$$\chi(R) = [I \ I] [I \ 0.02] = [I \ I]$$

$$\chi(R) = [I \ I] [I \ 0.09] = [I \ I]$$

$$\chi(R) = [I \ I] [I \ 0.09] = [I \ I]$$

$$\chi(R) = [I \ I] [I \ 0.09] = [I \ I]$$

$$P(H|S) = [0.2,0.8] \qquad P(H|R) = [0.09]$$

$$P(H|S) = [0.08,0.8] \qquad P(R) = [1.0] \times [1.1] = [1.0]$$

$$Similarly \qquad P(R) = [1.0] \times [1.1] = [1.0]$$

10.2 0.81

```
Pain Parlabilition
```

Ohe morning Holmes leaves his house, and friends his grass is wat. 6 (x) x(x)

Next he notion that the gram of Do, Natson's gorden is doo wet.

$$V_{W}[R] = [1 \ 0.2] = [1 \ 0.2], P(R) = \sqrt{[0.2] \ 0.8] \times [1 \ 0.2]}$$

$$= [0.55, 0.45]$$