Prob. Modell for Caspake

Excasise / Lecture notes

a, Pr (\$ 853}) iterative method

Q. □ \ S3, S4, S5, □ Q \ \ S3, S4, S5. 3

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$$\mathbb{I} \begin{bmatrix} x_0 \\ x_1 \end{bmatrix} = \begin{bmatrix} 0 & 1/2 \\ 1/2 & 0 \end{bmatrix} \begin{bmatrix} x_0 \\ x_1 \end{bmatrix} + \begin{bmatrix} 1/2 \\ 0 \end{bmatrix}$$

$$X_1 = 0 + \frac{1}{2} \times 0$$

$$X_2 = 0 + \frac{1}{2} \times 0$$

$$X_3 = 0 + \frac{1}{2} \times 0$$

$$X_4 = 0 + \frac{1}{2} \times 0$$

$$X_5 = 0 + \frac{1}{2} \times 0$$

$$X_6 = 0 + \frac{1}{2} \times 0$$

$$X_7 = 0 + \frac{1}{2} \times 0$$

$$X_8 = 0 + \frac{1}{2} \times 0$$

$$P_{\nu}(s_{i} = 0) = 1 \times y_{n+1}(i)$$

$$X_{n+1} = A \times y_{n} + b = 1 \times y_{n+1}(i) = 0$$

$$X_{n+1}(s_{i}) = 1 \times y_{n}(s_{i})$$

$$X_{n+1}(s_{i}) = 1 \times y_{n}(s_{i})$$

$$X_{0}(i) = 0$$
 (They do not reach T in Osteps) = b_{i} + $\underset{k=2}{\overset{k=2}{\leq}}$ ($\underset{s_{i} \in S_{i}}{\overset{k=2}{\leq}}$). $P_{i}(s_{i} + s_{i})$ $Q_{i}(s_{i} + s_{i})$

Back to Example

No=[0] X1=[12]

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$$S_0 = \{S_4, S_2, S_5\}$$
 $P(S_0, \overline{s}) = 6$
 $S_4 = \{S_3\}$ $P(S_1, T) = 1$
 $S_2 = \{S_0, S_1\}$

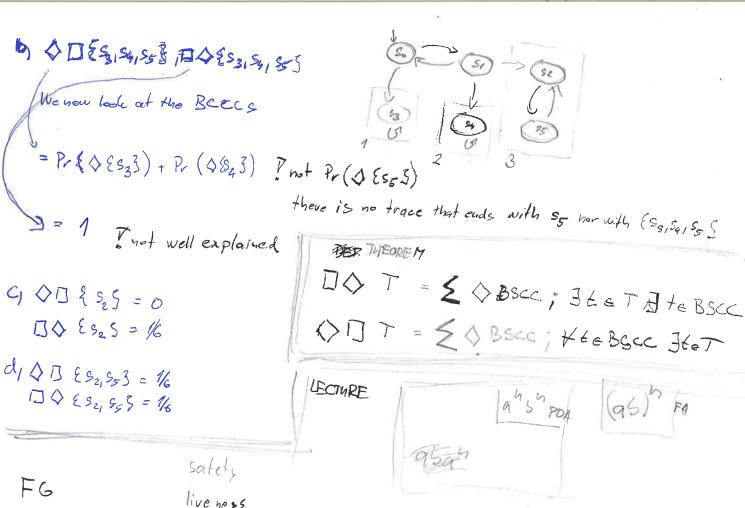
$$X_1 = P_{\nu} (s_1 = 0.533)$$

$$X_0 = \frac{1}{2} + \frac{1}{2} \times_1 \left(P(s_0, S_1) + \underbrace{Z}_{R \in S_2} P(s_0, X) \cdot X \right)$$

$$X_1 = 0 + \frac{1}{2} \times_2$$

$$\Pr(s_i \models \Delta^{\leq h+1}T) = \sum_{k=0}^{h+1} \Pr(s_i \models \Delta^{=k}T) = \Pr(s_i \models \Delta^{*}T) + \sum_{k=2}^{h+1} \Pr(s_i \models \Delta^{=k}T) = \Pr(s_i \models \Delta^{=k}T) =$$

$$\frac{2}{S_{j} \in S_{2}} \left(P(S_{i}, S_{j}) \sum_{k=2}^{h+7} P_{n}(S_{j} \neq \emptyset T) \right)$$



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GF

fairness