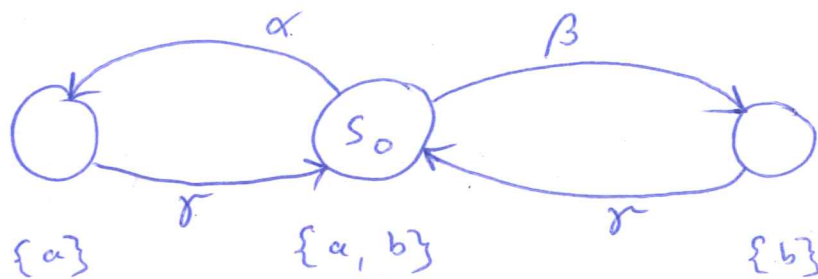


Series 5 - Solution

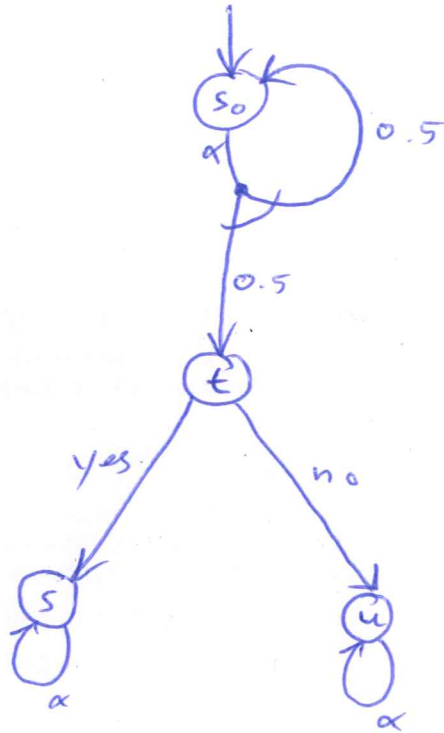
Exercise 1



$$P: \Box a \vee \Box b$$

Exercise 3

a)



Pick uncomputable

$$f: \mathbb{N} \rightarrow \{\text{yes}, \text{no}\}.$$

$$G(w) := f(|w|)$$

b) $G_{\min}(w) := \text{no},$

$$\Pr_{\min}(s_0 \models \Diamond s) = 0$$

c) $G_{\max}(w) := \text{yes},$

$$\Pr^{\max}(s_0 \models \Diamond s) = 1$$