

2025 March 12

Wednesday, March 12, 2025

12:57

Forward-Chaining

$$D = \{ A(k) \wedge B(p) \wedge C(b) \\$$

$$\wedge \exists x: D(k, x) \\$$

$$\wedge \exists y: E(p, y) \\$$

$$\wedge \exists z: F(b, z) \}$$

Action

$$\forall w: C(w) \wedge \exists z: F(w, z) = G(w)$$

$$D' = \{ D * \wedge G(\text{bunny}) \}$$

$$S = w: \text{bunny}$$

Backward-Chaining

$$G = \{ G(z) \}$$

Action:

$$G' =$$

