

AI Tutorial 1

Initial State :- $(1, 1, 1, 1, E)$

Farmer → Dog → Rabbit → Lettuce → Earl Bank

Final state :- $(0, 0, 0, 0, w)$

→ Wert Bank.

Rules

Farmer goes with dog from E to W.

Farmer goes with dog from W to E.

Farmer goes with Rabbit from E to W

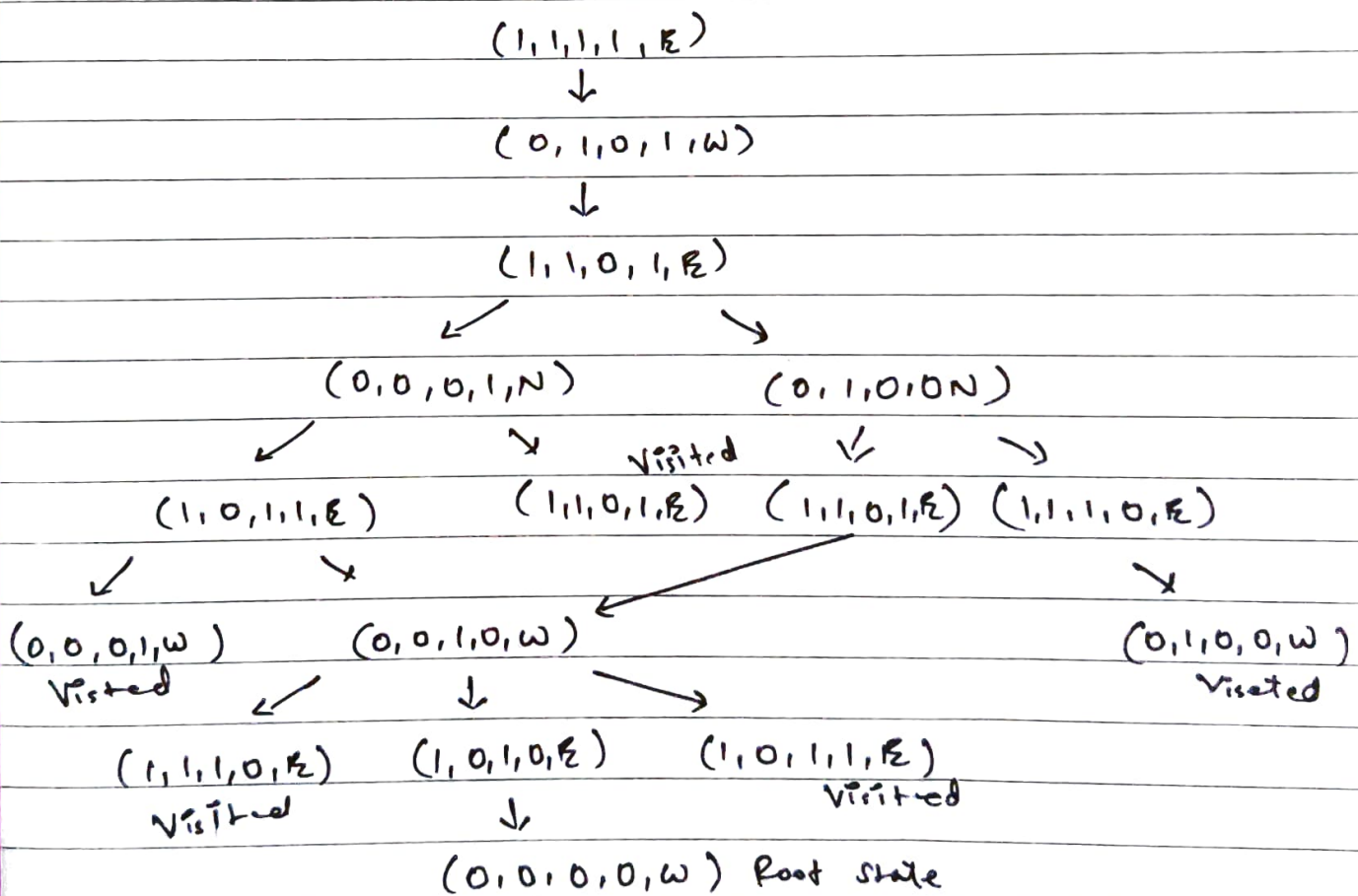
Farmer goes with Rabbit from W to E.

Farmer goes with lettuce from E to W

Fame goes with letter from W to E

Farmer goes alone from \mathbb{R} to ω

Farmer goes alone from W to E.



Path: $(1, 1, 1, 1, R) \rightarrow (0, 1, 0, 1, W) \rightarrow (1, 1, 0, 1, E) \rightarrow (0, 0, 0, 1, W)$

$$\rightarrow (1, 0, 1, 1, R) \rightarrow (0, 0, 1, 0, W) \rightarrow (1, 0, 1, 0, R) \rightarrow (0, 0, 0, 0, W)$$