

Figure 1: Initial State.

$$s_0 = \{\text{look}(\text{B}), \text{look}(\text{C}), \text{opened}\}$$

$$s_1 = \{\text{look}(\text{B}), \text{look}(\text{C}), \text{opened}, \text{heads}\}$$

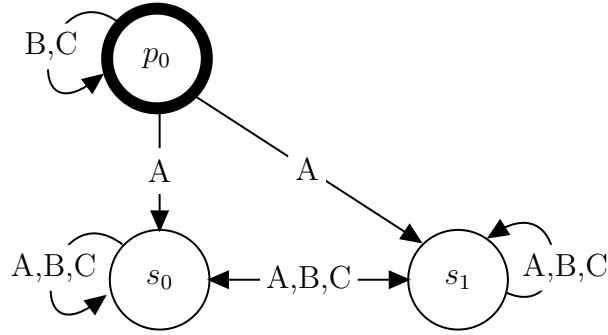


Figure 2: State after $\text{peek}(\text{B})$ where $p_0 = \{\text{look}(\text{B}), \text{look}(\text{C}), \text{opened}\}$.

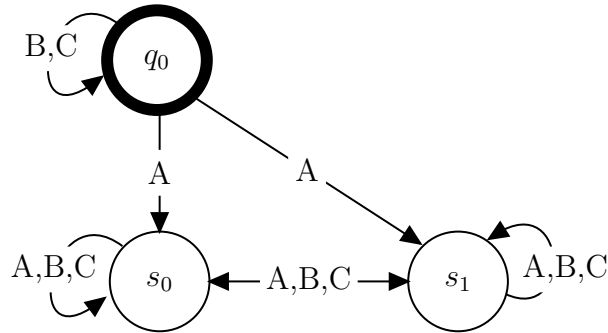


Figure 3: State after $\text{distract}(\text{B})(\text{C})$ where $q_0 = \{\text{look}(\text{C}), \text{opened}\}$.

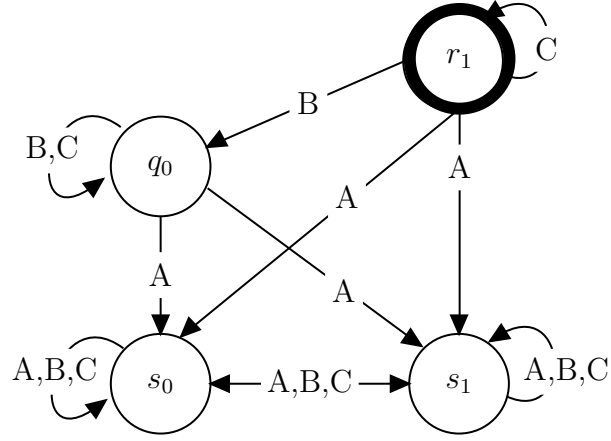


Figure 4: State after $\text{flip}\langle C \rangle$ where $r_1 = \{\text{look}(C), \text{opened}, \text{heads}\}$.

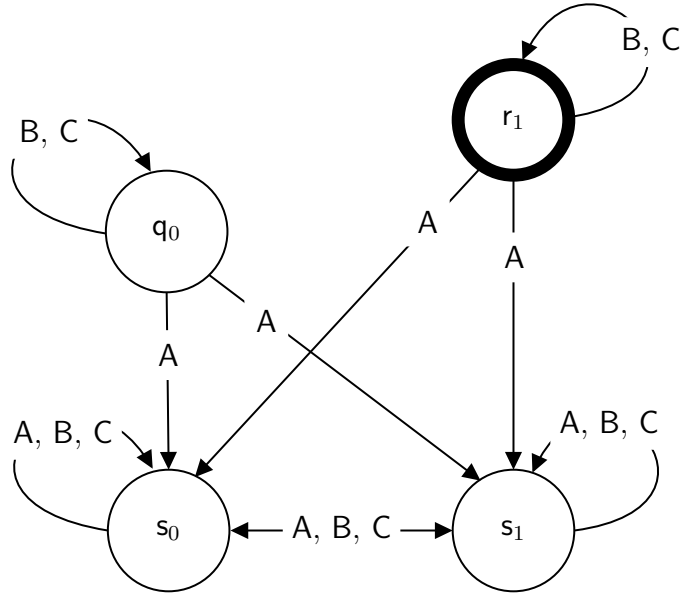


Figure 5: State after $\text{tell}(B)\langle C \rangle$.