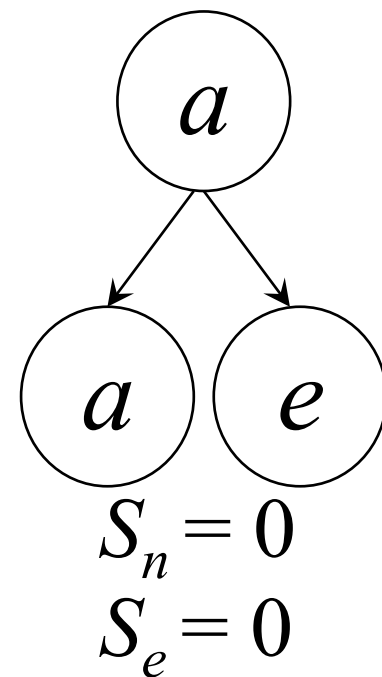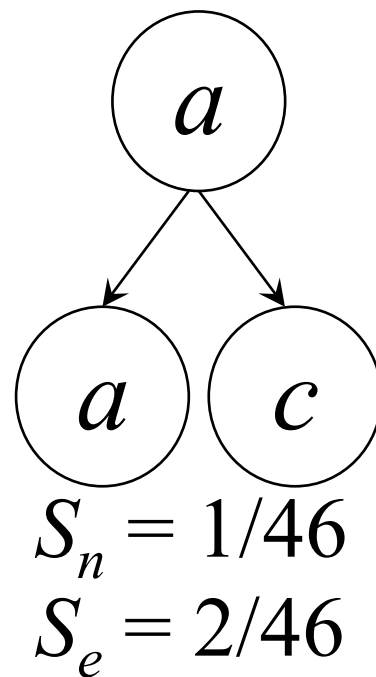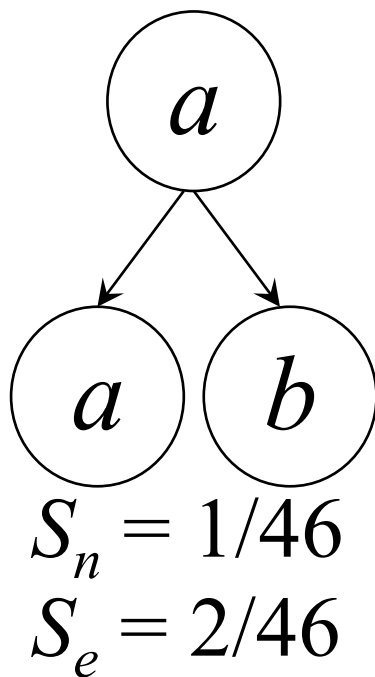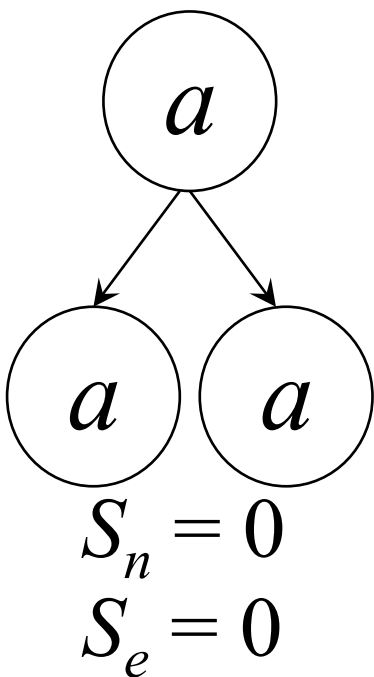(a) Single-edge parent

(a) Two-edge candidates for $A_2 = \{a, b, c, e\}$