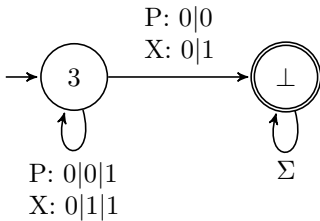


a) $\mathcal{A}_{Sing(P)}$



b) $\mathcal{A}_{P \notin X}$