



Figure 5: Third step of encryption.

The third step involves adding transitions from Σ to those states in \mathcal{B} , which have undefined transitions for letters from Σ . In that case we add only b letters. For example we defined $\rho(1a, b) = 2b$. We should act similarly for all states, for which b is undefined, but we have only added some of the necessary transitions so the figure is readable.