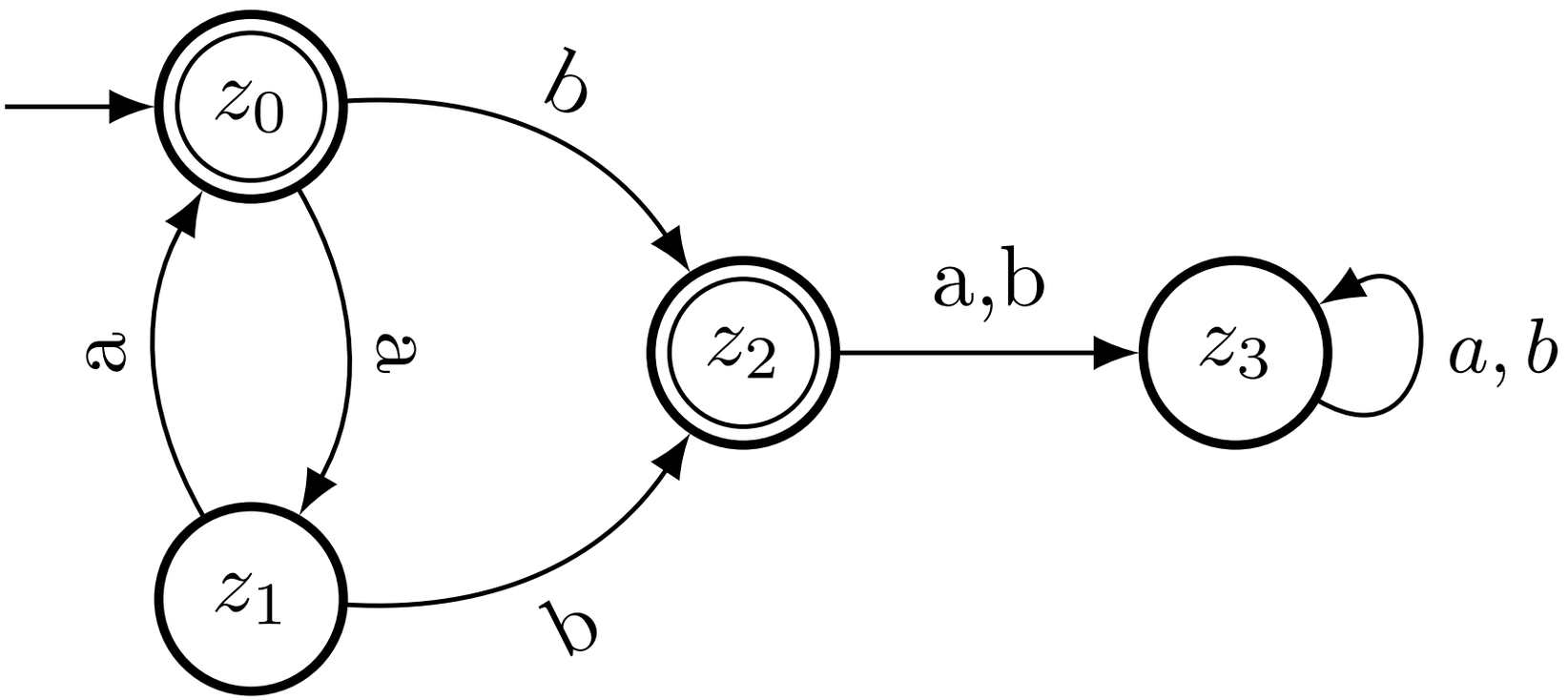
Deterministic Finite Automaton



$$D = \left(\underset{Menge}{Z}, \underset{Alphabet}{\Sigma}, \underset{Z \times \Sigma \to Z}{\delta}, \underset{\in Z}{S}, \underset{\subseteq Z}{E} \right)$$

(Zustände, Eingabe, Übergangsfkt., Start(s), Endzust.)

$$T(D) = \left\{ x \in \Sigma^* \mid \hat{\delta}(S, x) \cap E \neq \varnothing \right\}$$