Kellerautomat

Beispiel: $L = \{a^n b^n | n \in \mathbb{N}\}$

Grammatik:

$G = (\{S\}, \{a, b\}, P, S)$

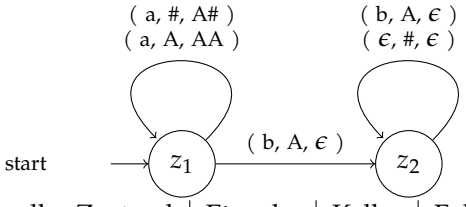
$P = \{$

$$S \to aSb \mid ab$$

$\}$

Kellerautomat:

$$K = (\{z_1, z_2\}, \{a, b\}, \{A, \#\}, \delta, z_1, \#)$$



Aktueller Zustand	Eingabe	Keller	Folgezustand	Keller
z_1	a	#	z_1	A#
z_1	a	A	z_1	AA
z_1	b	A	z_2	ϵ
z_2	b	A	z_2	ϵ
z_2	ϵ	#	z_2	#