

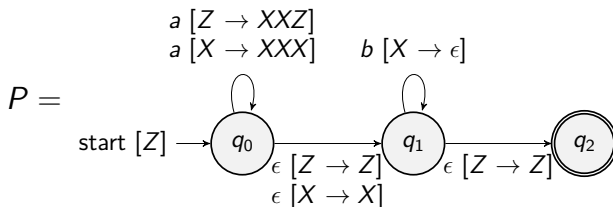
Construct a **PDA** that accepts the language by **final states**:

$$L(P) = \{a^n b^{2^n} \mid n \geq 0\}$$

Word $w =$ a a b b b b

Stack $\alpha =$

						Z
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Construct a **PDA** that accepts the language by **final states**:

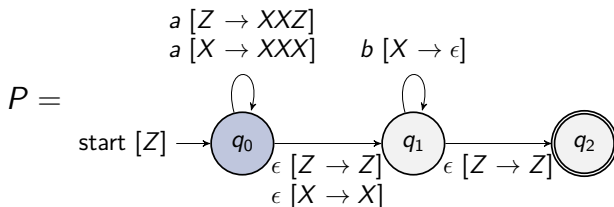
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Word $w =$

a	a	b	b	b	b
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Stack $\alpha =$

						Z
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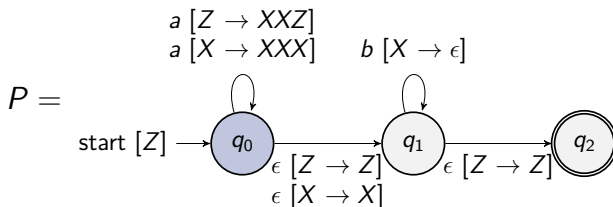
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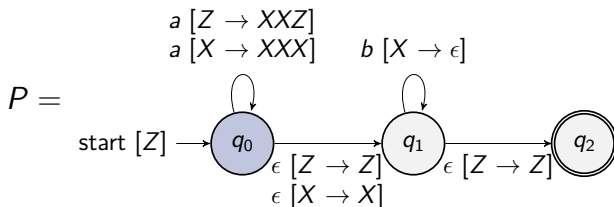
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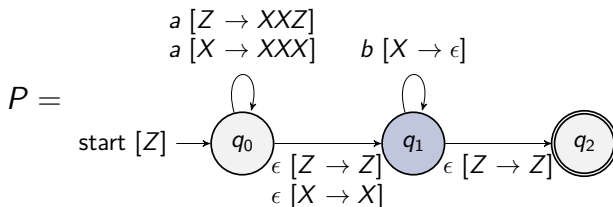
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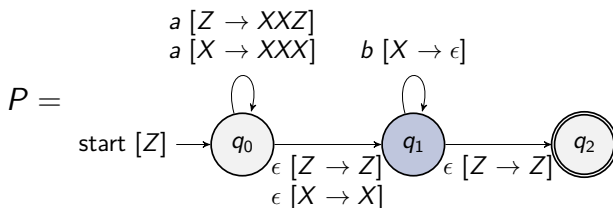
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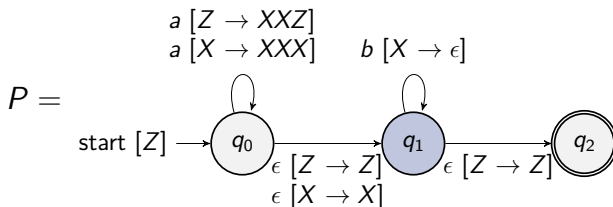
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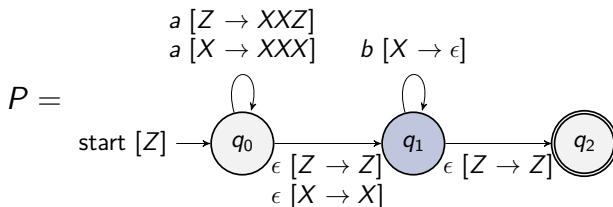
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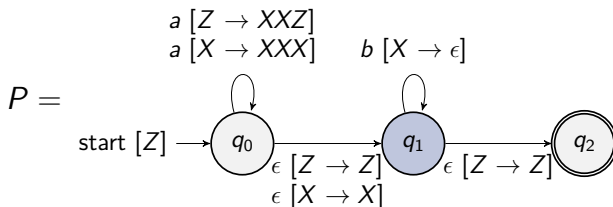
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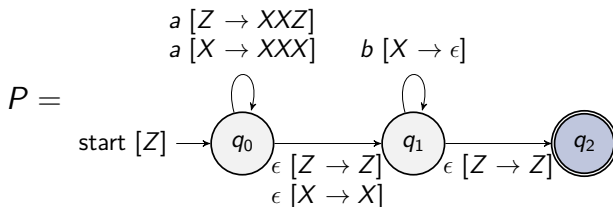
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$aabbbb \in L_F(P)!$