Linguagens Formais, Autômatos e Computabilidade

Guilherme Henrique de Souza Nakahata

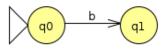
Universidade Estadual do Paraná - Unespar

16 de Abril de 2024

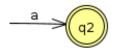
- Como iniciar a construção de um AFD?
 - $L = \{bd^n a | n > 0\}$



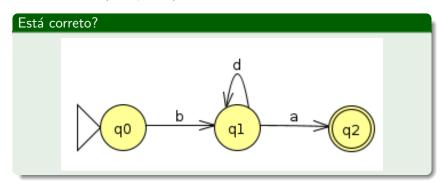
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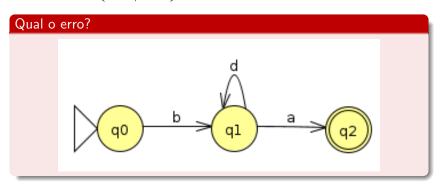
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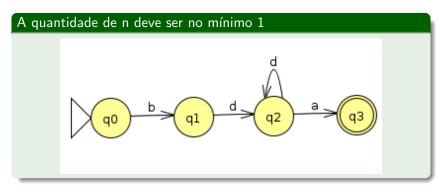
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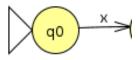
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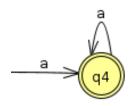
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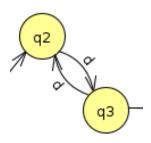
• L =
$$\{xd^{2n}a^m|n>0, m>0\}$$



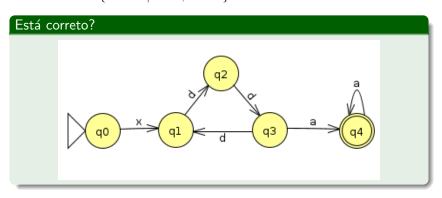
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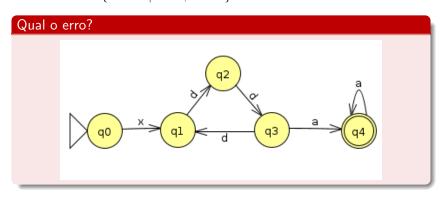
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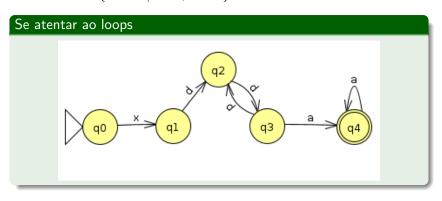
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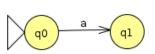
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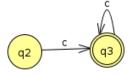


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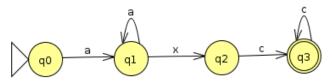


- Complete o AFD para a linguagem:
 - $L = \{a^n x c^m | n > 0, m > 0\}$

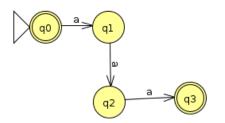




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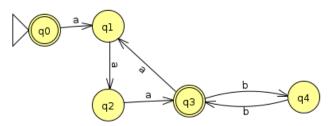


- Complete o AFD para a linguagem:
 - L = $\{a^{3n}b^{2m}|n \ge 0, m \ge 0\}$



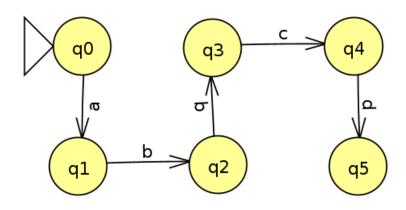


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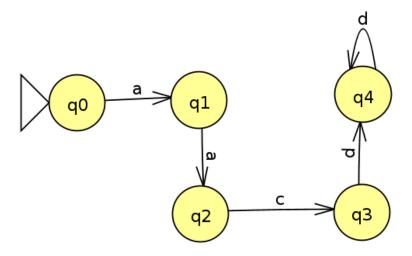


- L = {abbcd}
- $L = \{aacd^n | n > 0\}$
- L = $\{a^nbc^m|n>0, m>0\}$
- L = $\{d^{2n}c^mab|n>0, m>0\}$

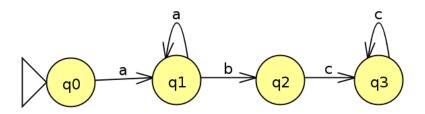
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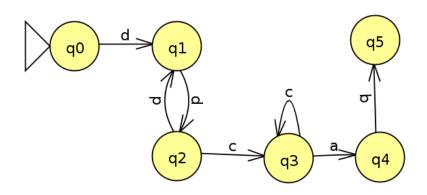
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Obrigado! Dúvidas?

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https://github.com/GuilhermeNakahata/UNESPAR-2024