

# Informed Learning Assignment

Joseph Scott

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Run the RPNI algorithm for:

$$S_+ = \{ \mathbf{a}, \mathbf{abb}, \mathbf{bab}, \mathbf{babbb} \}$$

$$S_- = \{ \mathbf{ab}, \mathbf{bb}, \mathbf{aab}, \mathbf{b}, \mathbf{aaaa}, \mathbf{babb} \}$$

For CHOOSE, select states in lex-length order on the prefix leading to the state in the initial PTA.