Knowing the limits

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Which movie?

The Truman Show

Truman is happy in his life…

Till one day…

Say Mr. DFA attends this class
But today…

Today Mr. DFA will find out his limits

- We will study a method to prove that a language is not regular
- Enter, the pumping lemma

The general “structure”…

- If \( L \) is regular then some property (call it \( P \)) is satisfied
- If \( L \) does not satisfy \( P \) then \( L \) is not regular

Contrapositive of an Implication

- If an object is an apple, then it is red

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