The Pumping Lemma for Context-Free Languages (7.2)

- Recall ...

- Statement of The Pumping Lemma

Theorem. Let L be a context-free language. Then there exists a constant n so that every string z in L with $|z| \geq n$ can be broken into **five** strings: $z = uvwxy$, and:

1.

2.

3.

Proof of the Pumping Lemma for Context-Free Languages (idea).

- **Using** the Pumping Lemma for Context-Free Languages