

## *Context Free Grammars and Push Down Automata*

1. Consider the grammar  $G = (\{ S \}, \{ a \}, \{ S \rightarrow a, S \rightarrow aaS, S \rightarrow aaaS \}, S)$ .

(a) Is  $G$  ambiguous? Justify.

(b) What is  $L(G)$ ?

(c) Is the language generated inherently ambiguous?



Answer

▶▶ Next