Operator Precedence Languages

Jonas Kremer

December 6, 2018

Contents

1	Motivation/Introduction	3
2	Preliminaries	3
	2.1 Operator Precedence Grammar	3
	2.2 Operator Precedence Automata	3
	2.3 Equivalence of OPG and OPA	3
3	(Closure-) Properties of OPLs	3
	3.1 Determistic vs. Nondeterministic OPAs	3
	3.2 Closure Properties	3
	3.3 Visibly Pushdown Language as a Subclass	3
4	(ω -Operator Precedence Languages)	3
5	Implementation of OPLs	3
б	Conclusion	3

- 1 Motivation/Introduction
- 2 Preliminaries
- 2.1 Operator Precedence Grammar
- 2.2 Operator Precedence Automata
- 2.3 Equivalence of OPG and OPA
- 3 (Closure-) Properties of OPLs
- 3.1 Determistic vs. Nondeterministic OPAs
- 3.2 Closure Properties
- 3.3 Visibly Pushdown Language as a Subclass
- 4 (ω -Operator Precedence Languages)
- 5 Implementation of OPLs
- 6 Conclusion