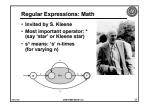


	nguage pular	Grammar	Automaton Finite state
1		A → a A → aB	machine
	ntaxt-froe	A Y	Non-deterministic pushdown automaton
Co	ntext-sensitive	eAp - oys	Linear-bounded non-deterministic Turing machine
	cursively imenable	a → β no restrictions	Turing machine
ny filter I		ata usually	context-free regular langu

(P)











	Summary: RegEx	0
	Programming Languages are very formally defined grammars	usin
	Types of grammars need different complexity	
•	Regular expressions very simple and effective tool data filtering	for
٠	More in the lab!	
	Next Lecture: Information and Bits	
0413/1X	UCH CHIR SUFFECTS	