

The subset construction	Yet another exercise
 In worst case, resulting DFA has 2ⁿ nodes 	Determinize the following automatron
 Worst case is rather rare, number of nodes in an NFA and the converted DFA are often similar 	ab
 In practice, we do not need to enumerate all 2ⁿ subsets We've already seen a typical problematic case: 	<u>A</u>
ab	NEA: -(0)-(1)-(2)
-0 <u>a</u> <u>a</u> <u>b</u> <u>b</u> <u>a</u> <u>b</u> <u>b</u> <u>a</u> <u>b</u> <u>a</u> <u>b</u> <u>a</u> <u>b</u> <u>a</u> <u>b</u> <u>a</u> <u>b</u> <u>b</u> <u>b</u> <u>a</u> <u>b</u> <u>b</u> <u>b</u> <u>a</u> <u>b</u>	
 We can also skip the unreachable states during subset construction 	
CORein, 18 / Disordy of Tallages Water Speciel 2012 7/1	C. Ghila, 30 (Done) of Norga. This part of the second 20, 9 – 1/1.
C	A described and the sector sector
Summary	Acknowledgments, credits, references
 FSA are efficient tools with many applications FSA have two flavors: DFA, NFA (or maybe three: c-NFA) 	
 DFA recognition is linear, recognition with NFA may require exponential time Reading quartering: heppenfilter; heppenfilter; 2009 	
Next:	
Minimization	
C. Qilida, 18 / Downiy of Talogon West-Neurole 2012 11	C. Cilidan, 18 / Dennedy of Silveyra Wein Version 201/21 A1
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C. (Aldein, 18) / Develoyed Tallergen Winter Serverin 201,27 A.E	C. Cilidan, 308 (Directly of Sillingen Weiser Freedow 2024/2) A3