Formal Languages and Automata Theory, SS 2018. Homework 9 (due Week 11)

1. Minimize the following DFA using state equivalence method:

	0	1
→ A	B	E
B	C	F
*C	D	H
D	E	H
E	F	I
*F	G	B
G	H	B
H	I	C
*I	A	E

2. (Optional project, deadline June 8th) Write an algorithm which solves the finiteness problem for type 3 languages (see slide 11 from Course 9).