## Minimization of DFA

My-Hill Nerode Theorem

## Minimize the given DFA

	0	1	
a	6	a	
6	a	.¢	
Ċ	d	b	
*.d	d	a	
e	d	f	
f	9	e	
9	1 2	9	
h	9	d	

1 90 00 10 X 0 4

 $(a,c) \rightarrow (a,b)$   $(b,f) \rightarrow (a,g)$   $(c,e) \rightarrow (b,f)$ 

(c,e) are
equivalent states
i.e. a=g
b=f
c=equivalent states

Considering these	e equivalences	, the s' can
be framed as:		
2	,	
0 [0 0]	9	
20 [9, g] 91 a [h f] 9.	92	
92 [c,e] 93	9,	
* 93 d 93	90	
94 h 90	92	









