

1.6.i

0 1 1 1 0

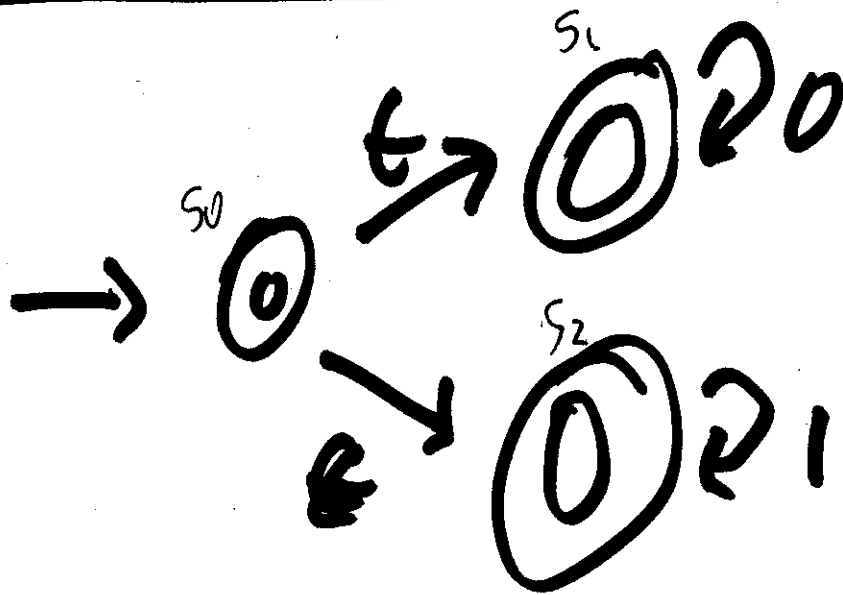
no

1 0 1 0

yes

1 1 1 0 0

no

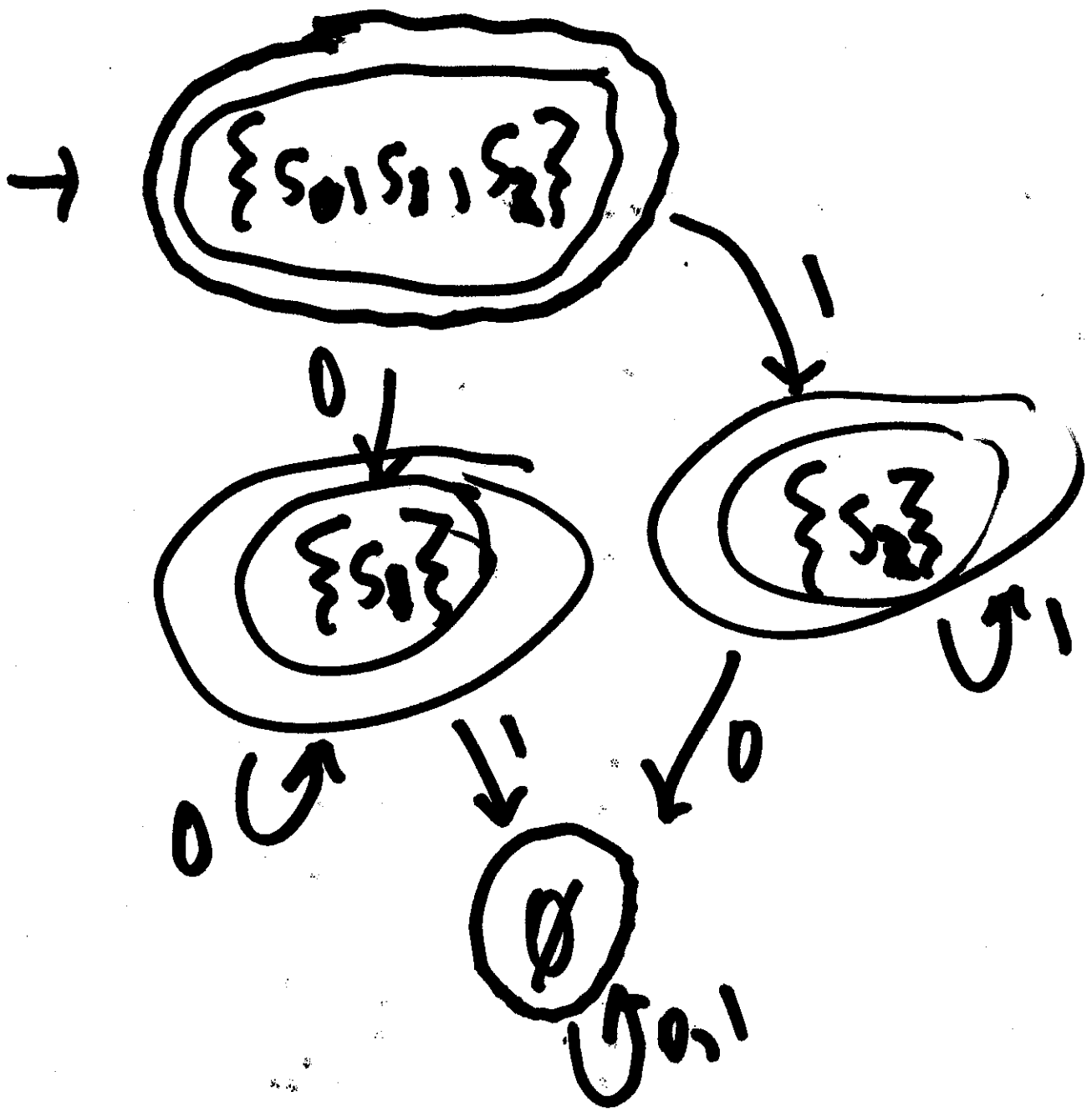


Convert this
NFA to
a DFA

$\{ \emptyset, \{s_1\}, \{s_2\}, \{s_3\},$

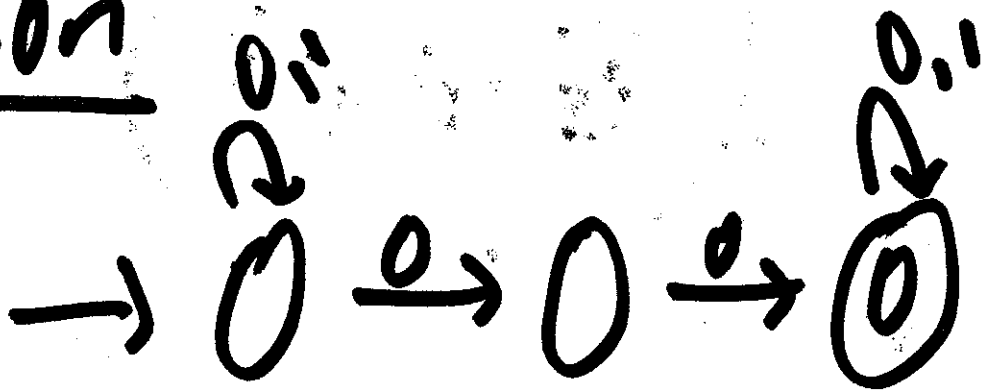
$\{s_1, s_2\}, \{s_1, s_3\}, \{s_2, s_3\},$

$\{s_1, s_2, s_3\}$

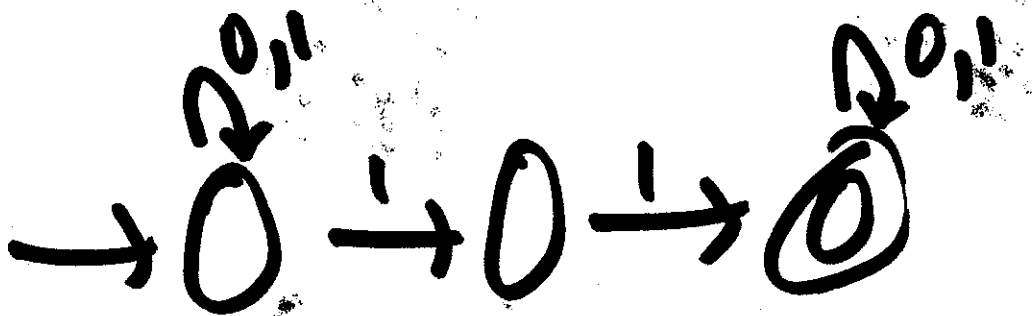


Union

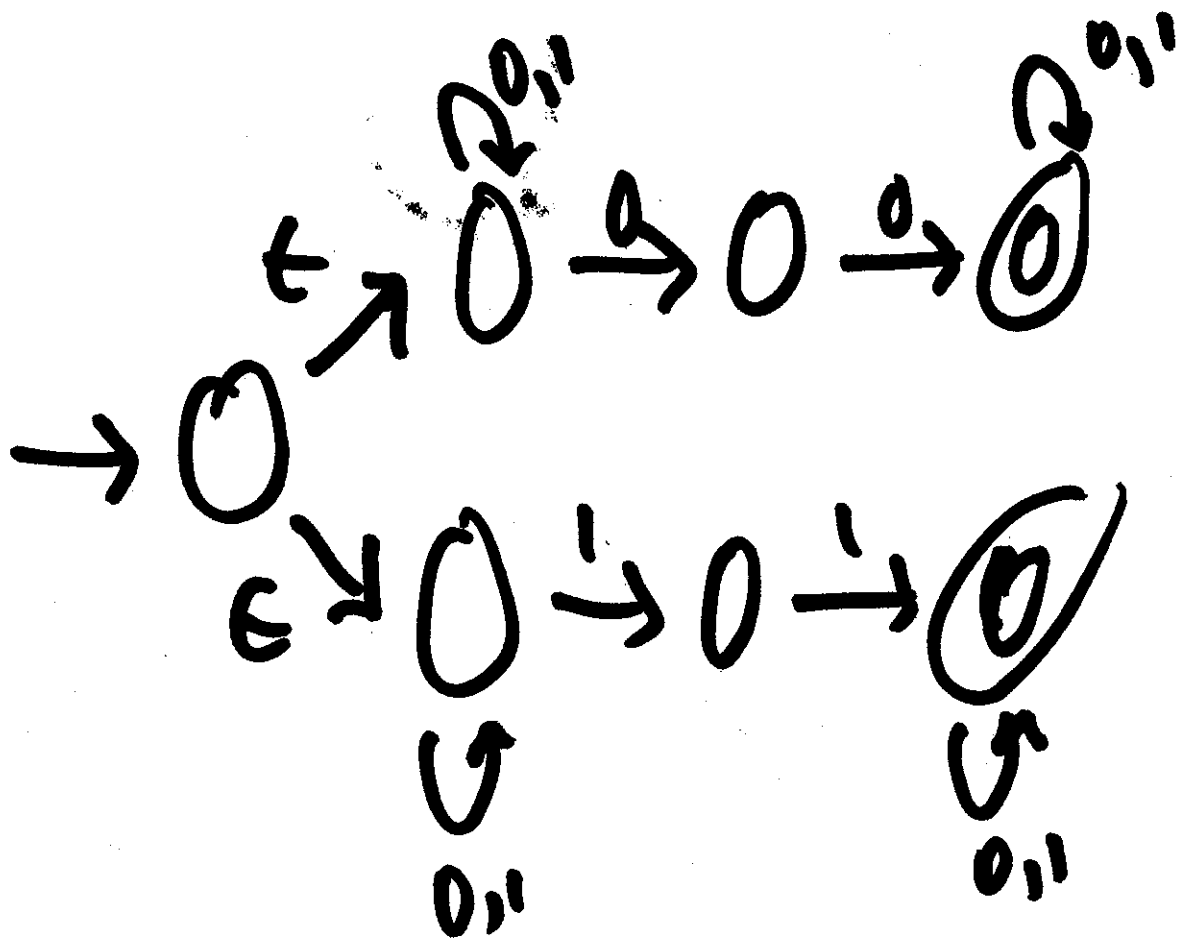
NFA
 H_1



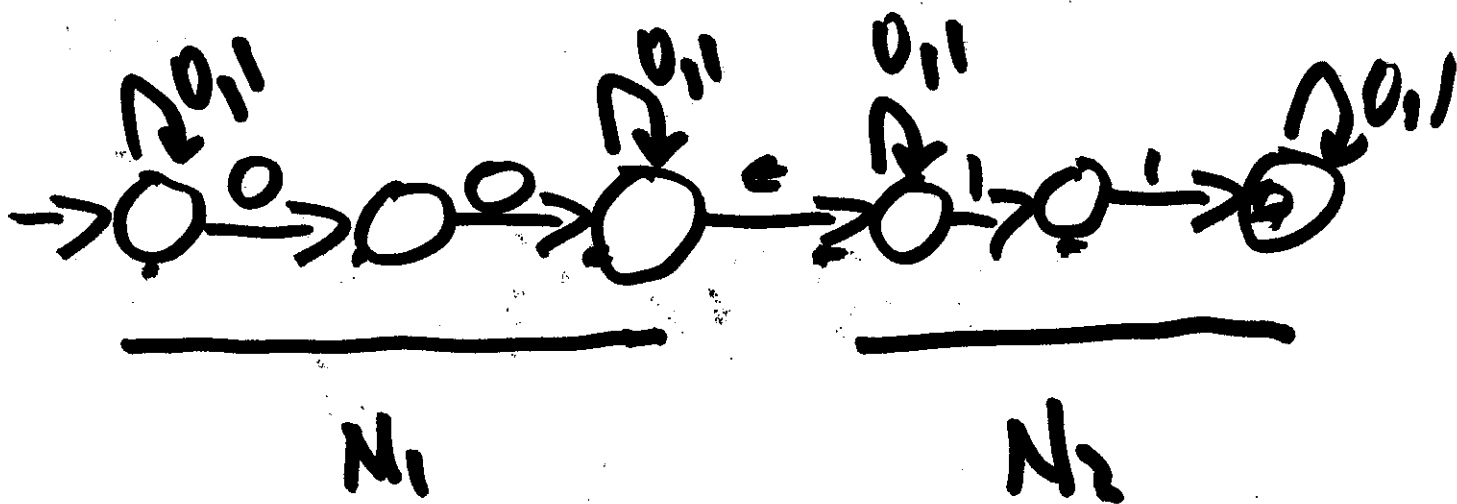
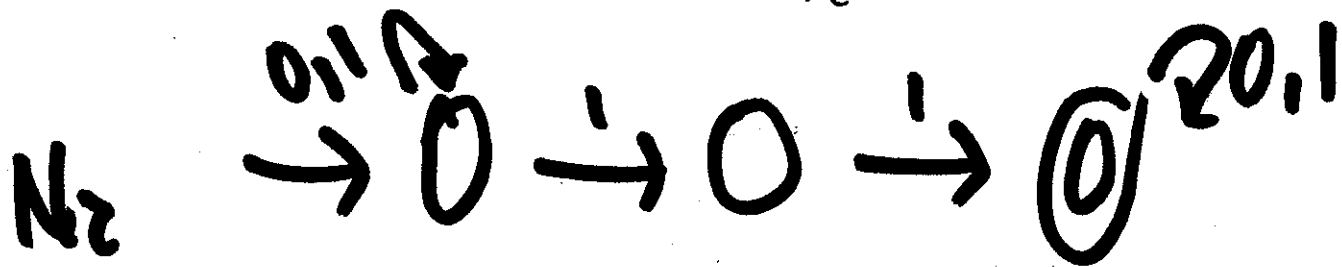
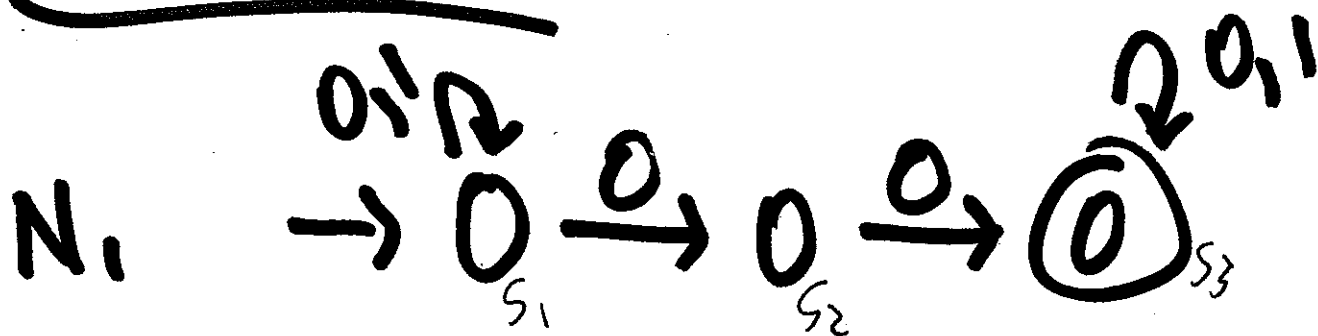
NFA
 H_2



N.U
 H_2



Concatenation



input: 010011

δ	0	1
s_1	$\{s_1, s_2\}$	$\{s_1, s_3\}$
s_2	...	\emptyset
s_3

101

star

