

## Hand-out Sheet Digital Circuit Design – Lecture 4

name	matriculation number	study course

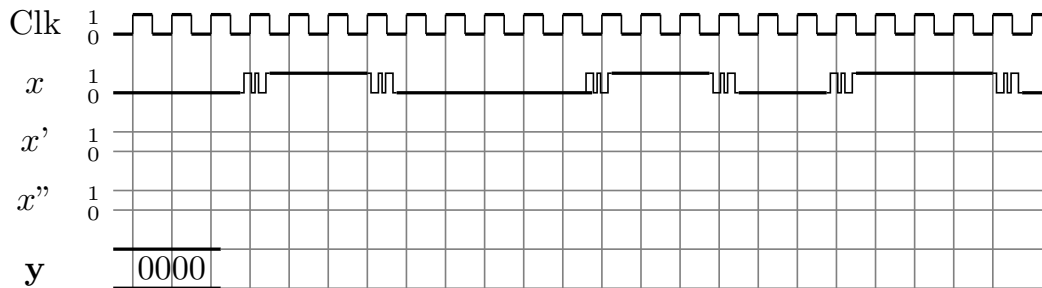
To be filled in by the supervisor:

supervisor	date	exercise 1	exercise2	exercise3	exercise 4

### Truth table of the seven segment decoder for exercise 2:

$x_3 x_2 x_1 x_0$	$a$	$b$	$c$	$d$	$e$	$f$	$g$
0000							
0001							
0010							
0011							
0100							
0101							
0110							
0111							
1000							
1001							
1010							
1011							
1100							
1101							
1110							
1111							

### Waveforms for simulation to exercise 4



⚠ bouncing, the sampled value may be by chance 0 or 1, respectively