

aufgabe_1.6.3_mit_rechnung

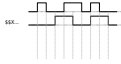
Student Group

First Name	Surname	Matrikel Nr.

Table of Contents

Step-by-step solution for X_0 ; $X_0 \oplus X_1$; X_1

1. Interpretation of the timing diagram:
 $\square$



The time course of X_0 and X_1 can be interpreted as 0 's and 1 's

1. Interpretation of the timing diagram:
 $\square$



2. Goal is to find the result for each column:
\$\quad\$

3. Sometimes an intermediate step is advantageous:
\$\quad\$

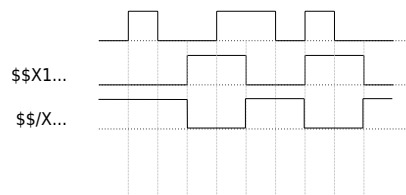
4. Now we have to calculate each step:

$\quad$

In theory, this can be done for every time step. However, for more complex formulas it is easier to

10. Goal is to find the result for each column:

$\quad$



From:
<https://wiki.mexle.te.hs-heilbronn.de/> - MEXLE Wiki

Permanent link:
https://wiki.mexle.te.hs-heilbronn.de/introduction_to_digital_systems/aufgabe_1.6.3_mit_rechnung?rev=1666185677

Last update: 2022/10/19 15:21

