

aufgabe_1.6.3_mit_rechnung

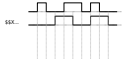
Student Group

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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 X_0 's and X_1 's

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



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

Here, this could be \$/X1.\$

3. Next we have to find the result for each column:
 $\quad$

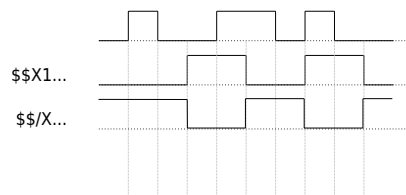
3. Next we have to find the result for each column:
\$\quad\$

This result can be reused for time steps with similar inputs.

3. Next we have to find the result for each column:
\$\quad\$

4. Applying this for all possible inputs:
\$\quad\$

5. Final step: drawing a time diagram again
\$\quad\$



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