

aufgabe_1.6.3_mit_rechnung

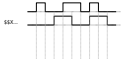
Student Group

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Step-by-step solution for X_0 ; XOR ; X_1

1. Interpretation of the timing diagram:
 \quad



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

1. Interpretation of the timing diagram:
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2. Sometimes an intermediate step is advantageous:
\$\quad\$

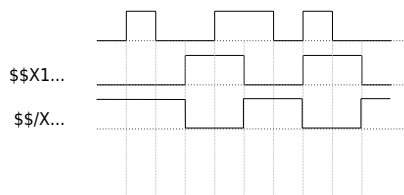
3. Goal is to find the result for each column:
\$\quad\$

4. Now we have to calculate each step:
\$\quad\$

This result can be reused.

4. Now we have to calculate each step:
\$\quad\$

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



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Last update: **2022/10/19 15:30**

