

# calc\_logic\_example

## Student Group

| First Name | Surname | Matrikel Nr. |
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example for a simplification with the rule for boolean algebra

$$\overline{a \vee (b \wedge (\bar{a} \vee c) \wedge 1) \vee a} \wedge$$

At first we will switch the representation to the following:

$$\frac{1}{(a + (b \cdot (a + c) \cdot 1) + a) \wedge}$$

so lets start  $\color{white}{\quad\quad\quad}$  \$

$\frac{1}{(a + (b \cdot (a + c) \cdot 1) + a)}$

1. Put space between the digits

$\quad$

$$\frac{1}{(a + (b \cdot (a + c) \color{blue}{\cdot 1}) + a) \wedge \color{blue}{\text{Neutral Element}}} \quad \color{white}{.}$$

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