

calc_logic_example

Student Group

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example for a simplification with the rule for boolean algebra

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

At first we will switch the representation to the following:

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1. $\color{blue}\{\text{Neutral Element}\}$

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

2. $\color{blue}\{\text{Commutative Law}\}$

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\quad\quad\quad\quad\quad\quad\quad \\ \end{array} \end{align*}
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