

calc_logic_example

Student Group

First Name	Surname	Matrikel Nr.

Table of Contents

example for a simplification with the rule for boolean algebra

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

At first we will switch the representation to the following:

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

so lets start

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

1. Put space between the digits

$$\quad$$

[illegible]

From:

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

Permanent link:

[https://wiki.mexle.te.hs-heilbronn.de/introduction to digital systems/calc logic example?rev=1631826157](https://wiki.mexle.te.hs-heilbronn.de/introduction%20to%20digital%20systems/calc%20logic%20example?rev=1631826157)

Last update: **2021/09/16 23:02**

