

sidebar

Student Group

First Name	Surname	Matrikel Nr.

Table of Contents

Content Constants Calc

EEE1 - Electrical Engineering
and Electronics 1

Introduction in EE1

Direct Current Circuits

1 Preparation & Proportions

2 Simple Circuits

3 Sources and Networks

4 Network Analysis

5 DC Circuit Transients

Alternating Current Circuits

6 Introduction in AC

7 Circuits on AC



Charge on electron (e)	$1.60217634 \times 10^{-19} \text{ C}$
Avogadro's number (NA)	$6.022142 \times 10^{23} \text{ 1/mol}$
Permeability of vacuum μ_0	$12.566370614 \times 10^{-7} \text{ Vs/Am}$ $4\pi \times 10^{-7} \text{ Vs/Am}$
Permittivity of vacuum ϵ_0	$8.854187817 \times 10^{-12} \text{ As/Vm}$

From:

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

Permanent link:

https://wiki.mexle.te.hs-heilbronn.de/electrical_engineering_and_electronics_1/sidebar?rev=1758274856

Last update: 2025/09/19 11:40

