

Inverting Operational Amplifier

Student Group

First Name	Surname	Matrikel Nr.

Table of Contents

Inverting Operational Amplifier 2

Inverting Operational Amplifier

Build the following circuit in [figure 1](#) with the power supply and a multimeter.



Fig. 1: Inverting Op-Amp

$U_{DD} = 10\text{ V}$, $U_{SS} = -10\text{ V}$, $R_2 = 100\text{ k}\Omega$

Calculate the necessary value for R_1 , so that the Output U_{OUT} is 5 V. Use the supply voltage of the operational amplifier for U_{IN} .

- Virt masse messen - r2 kurzschluss

From:

<https://wiki.mexle.org/> - MEXLE Wiki

Permanent link:

https://wiki.mexle.org/lab05_en/inverting_op-amp_basics_amplification?rev=1774956031

Last update: **2026/03/31 13:20**

