

Non-inverting Operational Amplifier

Student Group

First Name	Surname	Matrikel Nr.

Table of Contents

Non-inverting Operational Amplifier	2
Op-Amp as current source	2

Non-inverting Operational Amplifier

Op-Amp as current source

An Op-Amp can not only amplify currents and voltages, it can also act itself as current source. Here is an scematic of an typical current source build by an Op-Amp:

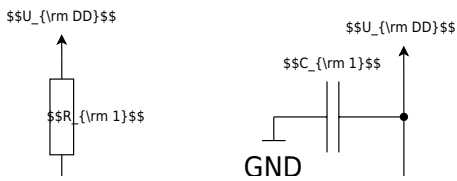


Fig. 1: Non-inverting Op-Amp: current source

$$U_{DD} \approx 10V, U_{SS} \approx -10V$$

From:

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

Permanent link:

https://wiki.mexle.org/lab05_en/non_inverting_op-amp_current_source?rev=1776778039

Last update: **2026/04/21 15:27**

