

# 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

From:

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

Permanent link:

[https://mexle.te.hs-heilbronn.de/lab05\\_en/non\\_inverting\\_op-amp\\_current\\_source?rev=1776762502](https://mexle.te.hs-heilbronn.de/lab05_en/non_inverting_op-amp_current_source?rev=1776762502)

Last update: **2026/04/21 11:08**

