

Golden Rules

Student Group

First Name	Surname	Matrikel Nr.

Table of Contents

Golden Rules 2
Op-Amp zero adjustment without feedback 2

Golden Rules

Explain the Golden Rules of the operational amplifier.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

Op-Amp zero adjustment without feedback

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



Fig. 1: Zero adjustment

$$U_{DD} = 10\text{V}, U_{SS} = -10\text{V}, R_1 = 10\text{k}\Omega$$

Adjust the output of the Op-Amp to zero. Describe your results and explain them.

{}\$

{}\$

{}\$

{}\$

{}\$

{}\$

{}\$

{}\$

{}\$

{}\$

How can the sercuit be improofed? Draw an improofed version and explain it.

Blank area for drawing and explanation, consisting of ten horizontal lines.

From:

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

Permanent link:

https://wiki.mexle.org/lab05_en/op-amp_basics?rev=1775026889

Last update: **2026/04/01 09:01**

