

Date | Discription

13:39 Motor 10

Motor 10

r4-10-1.csv

8

r4-10-2.csv

r4-10-3.csv

5

r4-10-1.csv

r4-5-2.csv

5

r5-5-1.csv

Winkelgeschwindigkeit:

10 : 1min 47,6s 9 Runden

5 : 1min 54,72s 9 Runden

14:50 Probe 1 side Bild
"Eisenstein"

P1-10-1.csv

15:04 Messung Probe 1 10-1.csv

Probe 1-10-2.csv

Probe 1-10-3.csv

Probe 1-10-4.csv

15:08 Wechsel auf Probe 2
"Goldplättchen"

15:16 Messung Probe 2-10-1.csv
Probe 2-10-2.csv

kein Magnetfeld mehr messbar,
auch nach rotation von Probe, Neustart
der Messgeräte

15:50 Messung von Probe Magnetspannung

Probe 3-10-1.csv

Probe 3-10-2.csv

Probe 3-10-3.csv

Probe 3-10-3.csv

Spannung am Osz:

Viel größer

als erwartet

ändern

100-500 mV vs 20V

Nächster Versuch mit Folienplättchen:
keine Verbindung

16:06 Probe 4: Start

Probe 4-10-1.csv

Probe 4-10-2.csv

Probe 4-10-3.csv

Probe 4-10-4.csv

16:14 ~~retail at 6~~

machimmel bold

→ Reproduce Zener nights
fail.csv

16:37 Probe 5 Magnet

Probe 5-10-1.csv

Square-Wave Pattern

→ Since we have the integration and FB-R

~~settings~~

■ settings in the end:

100 nF. 1k

Probe 5-10-2.csv

Probe 5-10-3.csv

Probe 5-10-4.csv

Probe 5-10-5.csv

ju

| Date | Description |
|-------|--|
| | data |
| 11:34 | Motor: 2 r1_2-1.csv r1_2-2.csv |
| 11:52 | 10 r1_10-2.csv r1_10-3.csv r1_10-4.csv 5 r1_5-2.csv r1_5-3.csv r1_5-4.csv |
| 11:57 | Settings VCA 1302 VCO 1377 GEN Integ.C: 2200pF FB-R: 100k |
| 12:00 | second Resistor (R2) Motor: 5 r2_5-1.csv r2_5-2.csv 4. 5. |
| 12:12 | 10 r2_10-1.csv r2_10-2.csv 3.csv r2_10-4.csv 2 r2_2-1.csv 2.csv |
| 12:26 | 10 r3_10-1 r3_10-2 r3_20-3 5 r3_5-1 / r3_5-2 |

intr. cham and g:30

Measuring distance to squid sensor
from the lid of the dewar

| | | | |
|-----|-------------|-----------|-----------|
| 1st | 1,4 cm | 1,4 | 1,4 |
| 2nd | 1,7 cm | 1,7-2,1 | 1,7-2,1 |
| 3rd | 24,6-1,5 cm | 11,5-24,5 | 11,5-24,5 |

distance sensor \rightarrow top of dewar

| | | |
|----------|---------|---------|
| 20,05 cm | 29,1 cm | 29,1 cm |
|----------|---------|---------|

Squid in N_2 : g:50

| Time | Description | | |
|-------|---------------------|-----------------|---------------|
| 9:59 | Measuring the loop | 2.9 mm | $\pm 0,05$ mm |
| | by different angles | 3.1 mm | |
| | | 3.3 mm | |
| | | 3.0 mm | |
| | | 3.3 mm | |
| | | 3.7 mm | |
| 10:19 | Setting VCA and VCO | | |
| 10:42 | Measuring Batteries | $B_1 = 1,459 V$ | |
| | | $B_2 = 1,494 V$ | |

First calibration of the signal

1st calibration - .CSV

Measurements of the first Register

Motor: 10 r1-10-1.CSV

5 r1-5-1.CSV

11:30