# Temperatur Kalibration Arduinos: T_PT100 = A * T_Arduino_intp + b, Mittlere Abweichung T_PT100-T_Arduino_intp

| Arduino Nummer | Versuchsdurchlauf/Zeitraum | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | a) 09.08.18 18:10:18 -18:24:04 | | | b) 09.08.18 18:25:14-19:34:16 | | | c) 10.08.2018 09:59:13-11:20:43 | | | d) 10.08.18 00:05:11-01:11:01 | | | e) 10.08.18 16:53:17 -11.08.18 09:58:47 | | | f) 11.08.18 10:32:34 – 12:06:48 | | |
| | Lin Koeff. A | Lin. Koeff. b | Mit. Abweichung PT100/Arduino | Lin Koeff. A | Lin. Koeff. b | Mit. Abweichung PT100/Arduino | Lin Koeff. A | Lin. Koeff. b | Mit. Abweichung PT100/Arduino | Lin Koeff. A | Lin. Koeff. B | Mit-. Abweichung PT100/Arduino | Lin Koeff. A | Lin. Koeff. b | Mit- Abweichung PT100/Arduino | Lin Koeff. A | Lin. Koeff. b | Mit. Abweichung PT100/Arduino |
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| **2** | 2: 1.3164035859838 479 | 2: -10.016042526172 47 | **2: 0.13494621867 702983** | 2: 0.9935329121414 4146, | 2: -0.0077419797940 905255 | **2: 0.19201704797 964331** | 2: 1.0716519312652 104, | 2: -1.5636712574427 278 | **2: 0.09612934292 0059868,** | 2: 0.4900222489902 6747, | 2: 10.636998232726 112, | **2: -0.37441276640 814408,** | 2: 1.0004113158335 817, | 2: -0.2537210383983 9255, | **2: 0.24686547485 131385,** | 2: 1.0136224520049 524 | , 2: 0.1136254567780 1617 | **2: -0.2030111889093 6673** |
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| **4** | 4: 1.3711016026839 564 | 4: -11.767932558628 083 | **4: 0.16682089254 2247** | 4: 1.0090575598522 729, | 4: -0.9776335779773 7171, | **4: 0.71480962797 202441** | 4: 1.0597930373887 161, | 4: -2.0280518204065 885 | **4: 0.76349452679 79093,** | 4: 0.5896969762881 0713, | 4: 8.0540999454436 299, | **4: 0.60419915845 603411,** | 4: 1.0034955487431 729, | 4: -0.6383298854261 8452 | **4: 0.57890752394 306799,** | 4: 0.9858194639469 9915 | , 4: -0.1452408330189 181 | **4: 0.2446363988699 0696,** |
| **5** | 5: 1.8183938448877 637 | 5: -25.336983558949 271 | **5: -0.06078529767 7135051** | 5: 1.0332894545357 199, | , 5: -1.2259326328806 068, | **5: 0.27462338629 781019** | 5: 1.1348449590230 56, | 5: -3.0478033832252 436, | **5: 0.26341350138 209524,** | 5: 0.2539181178992 8487, | 5: 15.721666346067 224, | **5: -1.68745148061 14977** | 5: 1.0152809187597 693, | 5: -0.8783659084384 3609, | **5: 0.61800149716 51111,** | 5: 1.0516135759530 116 | 5: -1.0466986689271 804, | **5: 0.6633144005813 5871,** |
| **6** | 6: 1.2198384458790 064, | 6: -6.975813904397 6826 | **6: 0.11481521162 779885** | 6: 1.0060557114823 168, | 6: -0.4716378091562 845, | **6: 0.29844015057 598589** | 6: 1.0960683951338 95, | 6: -2.1669657208498 521, | **6: 0.19029105423 823325,** | 6: 0.4668426163285 7943, | 6: 11.185608713622 983, | **6: -0.55038845850 715701,** | 6: 1.0066850876947 442, | 6: -0.5702862100720 4094, | **6: 0.45745539945 624897,** | 6: 1.0421440032732 761 | 6: -0.7534501798039 0949 | **6: 0.4494200111150 0562,** |
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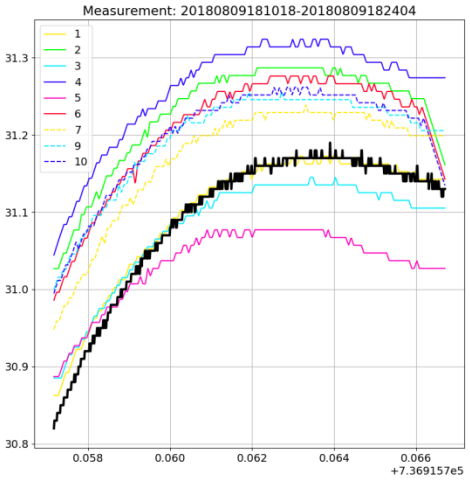
| **11** | | | | | | | | | | | | | 11: 1.0098384641063 669 | 11: -0.1566192744991 2483 | **11: -0.00488545238 36829502** | 11: 0.9967086247881 7657 | 11: 0.3625328267417 86 | **11: -0.3413914431864 5448** |

**a)**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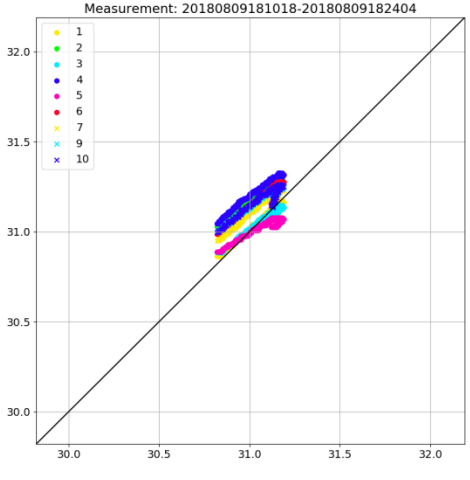
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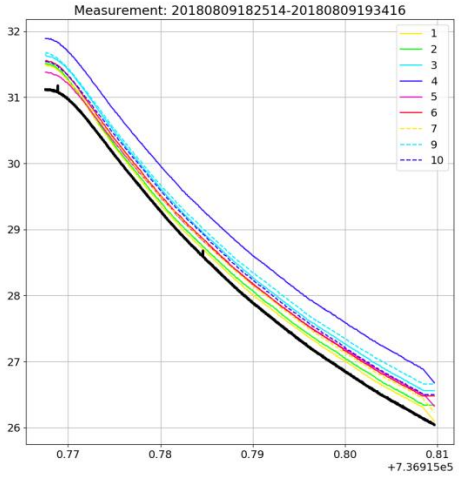
32.0

**b)**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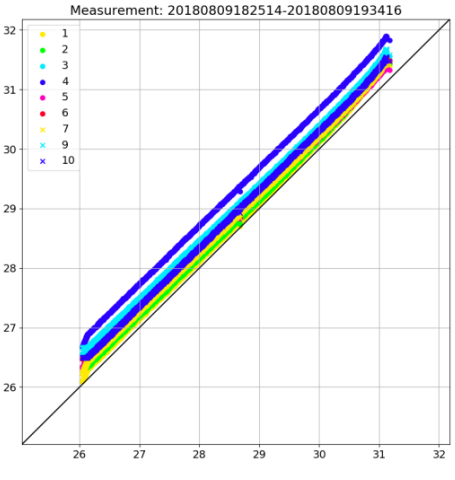
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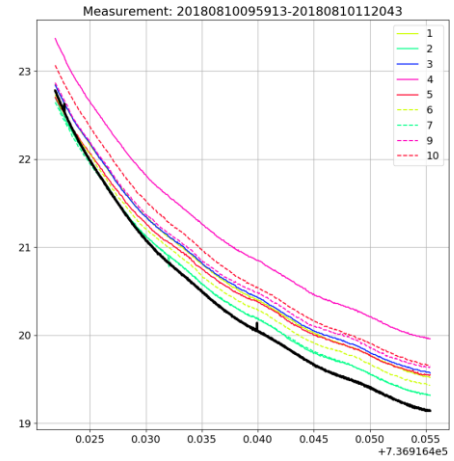
32

**c)**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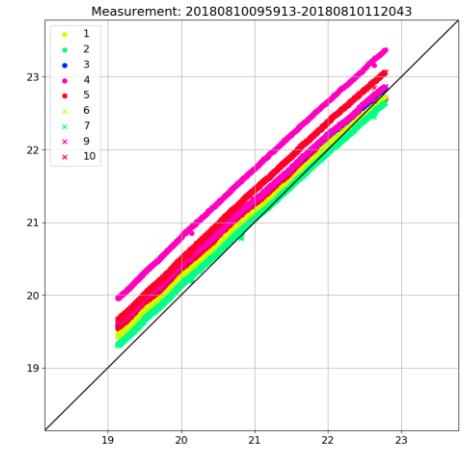
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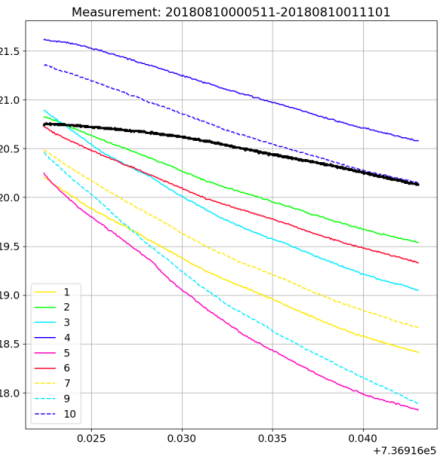
**d)**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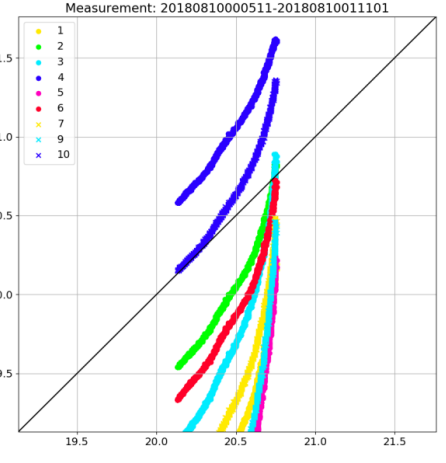
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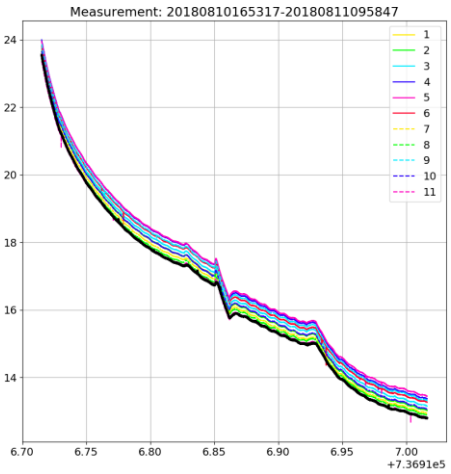
20.5
21.0
21.5

**e)**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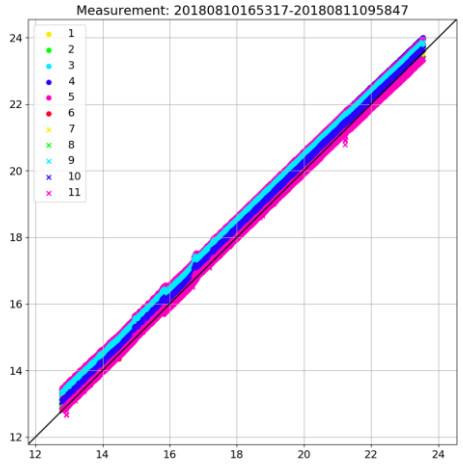
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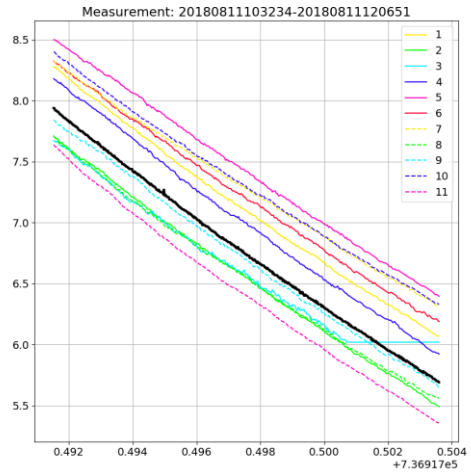
**f)**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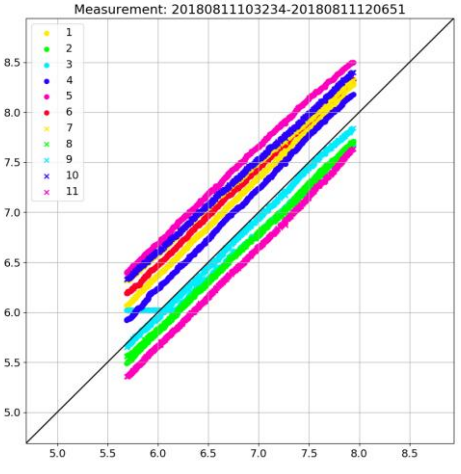
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