**1. Messwertverarbeitung – äußere Störungen und Mittelwertbildung**

**1A)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Zeit [ms] | R1 [g] | M2(R1) | M4(R1) | M8(R1) | M16(R1) |
| 0 | 10 |  |  |  |  |
| 5 | 11 | 11 |  |  |  |
| 10 | 10 |  |  |  |  |
| 15 | 10 |  |  |  |  |
| 20 | 10 |  |  |  |  |
| 25 | 10 |  |  |  |  |
| 30 | 11 |  |  |  |  |
| 35 | 11 |  |  |  |  |
| 40 | 11 |  |  |  |  |
| 45 | 10 |  |  |  |  |
| 50 | 9 |  |  |  |  |
| 55 | 10 |  |  |  |  |
| 60 | 10 |  |  |  |  |
| 65 | 10 |  |  |  |  |
| 70 | 11 |  |  |  |  |
| 75 | 10 |  |  |  |  |
| 80 | 10 |  |  |  |  |
| 85 | 10 |  |  |  |  |
| 90 | 13 |  |  |  |  |
| 95 | 10 |  |  |  |  |
| 100 | 10 |  |  |  |  |
| 105 | 10 |  |  |  |  |
| 110 | 11 |  |  |  |  |
| 115 | 9 |  |  |  |  |
| 120 | 10 |  |  |  |  |
| 125 | 10 |  |  |  |  |
| 130 | 10 |  |  |  |  |
| 135 | 10 |  |  |  |  |
| 140 | 10 |  |  |  |  |
| 145 | 8 |  |  |  |  |
| 150 | 10 |  |  |  |  |
| 155 | 10 |  |  |  |  |
| 160 | 10 |  |  |  |  |
| 165 | 8 |  |  |  |  |
| 170 | 12 |  |  |  |  |
| 175 | 10 |  |  |  |  |
| 180 | 10 |  |  |  |  |
| 185 | 10 |  |  |  |  |
| 190 | 10 |  |  |  |  |
| 195 | 10 |  |  |  |  |

**1B)**

**M2, M4, M8, M16 (streichen der nicht zutreffenden Lösungen)**

**1C)**

**M2, M4, M8, M16 (streichen der nicht zutreffenden Lösungen)**

**3A)**

**Screenshot des erstellten Diagramms**

**3B)**

**Begründung der Beobachtungen**

**3C)**

**1/2/3/4 Wahl aus einer der Angaben**

**3D)**

**M2, M4, M8, M16 (streichen der nicht zutreffenden Lösungen)**

**Beschreibung des Vergleichs**