1. Evaluate the correct temperature from Pt resistor value (100 Ω, TKR = 4,5 K-1).
2. Evaluate the TKR of the resistor sample 3 (TR154 6,8 kΩ).
3. Evaluate The parameter B of the thermistor sample 2 (NTC 100 Ω)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **T (°C)** | 30 | 50 | 70 | 90 | 110 |
| **Pt (Ω)** |  |  |  |  |  |
| **R1 (kΩ)** |  |  |  |  |  |
| **R2 (Ω)** |  |  |  |  |  |
| **Tk (°C)** |  |  |  |  |  |

**R1: TKR =**

**R2: B =**

**+PLOTs**

1. Evaluate the correct temperature from Pt resistor value (100 Ω, TKR = 4,5 K-1).
2. Evaluate the TKR of the thermistor sample 6 (PTC 60 Ω) between temperatures 70°C and 90 °C.
3. Evaluate The parameter A of the thermistor sample 2 (NTC 100 Ω)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **T (°C)** | 30 | 50 | 70 | 90 | 110 |
| **Pt (Ω)** |  |  |  |  |  |
| **R1 (kΩ)** |  |  |  |  |  |
| **R2 (Ω)** |  |  |  |  |  |
| **Tk (°C)** |  |  |  |  |  |

**R1: TKR =**

**R2: A =**

**+PLOTs**

1. Evaluate the correct temperature from Pt resistor value (100 Ω, TKR = 4,5 K-1).
2. Evaluate the TKR of the resistor sample 4 (TR154 4,7 kΩ).
3. Evaluate The parameter A of the thermistor sample 2 (NTC 100 Ω)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **T (°C)** | 30 | 50 | 70 | 90 | 110 |
| **Pt (Ω)** |  |  |  |  |  |
| **R1 (kΩ)** |  |  |  |  |  |
| **R2 (Ω)** |  |  |  |  |  |
| **Tk (°C)** |  |  |  |  |  |

**R1: TKR =**

**R2: B =**

**+PLOTs**