

$$x := 1$$

Ausgleichsrechnung Pt100 Techap MV linear
 $-20^{\circ} \text{ ADC} = -106 \quad 20^{\circ} = 277 \quad 60^{\circ} = 651 \quad 100^{\circ} = 1000$

$$y := 1$$

$$z := 1 \quad a1 := -0.103 \quad a2 := 0.27 \quad a3 := 0.636 \quad a4 := 0.993$$

Given

$$y \cdot a1 + z = -20$$

$$y \cdot a2 + z = 20$$

$$y \cdot a3 + z = 60$$

$$y \cdot a4 + z = 100$$

$$\begin{pmatrix} y \\ z \end{pmatrix} := \text{Minerr}(y, z)$$

$$x = 1$$

$$y = 109.45855$$

$$z = -9.14689$$

$$T(R) := y \cdot R + z$$

$$T(a1) = -20.421$$

$$T(a2) = 20.407$$

$$T(a3) = 60.469$$

$$T(a4) = 99.545$$