Übungsblatt 2

Donnerstag, 12. November 2020 12:46

$$f_u = k_u \frac{\omega}{\omega}$$
 | focal length in mult
$$= 2454,11px \cdot \frac{5,27mm}{2048px}$$

$$HH^{T} = K RR^{T} K^{T} = K K T = \begin{pmatrix} k_{u} & 5 & \times_{u} \end{pmatrix} \begin{pmatrix} k_{u} & 0 & 0 \\ 0 & k_{v} & \times_{v} \end{pmatrix} \begin{pmatrix} k_{u} & 0 & 0 \\ 5 & k_{v} & 0 \end{pmatrix}$$

$$= \begin{pmatrix} k_{u}^{2} + s^{2} + k_{u}^{2} & sk_{u} + k_{u}k_{u} & x_{u} \\ sk_{u} + x_{u}x_{u} & k_{u}^{2} + k_{u}^{2} & x_{u} \end{pmatrix} = \begin{pmatrix} a & b & c \\ b & d & e \\ c & e & A \end{pmatrix}$$

$$R = \frac{12,13}{-0,12} - 35,34 - 10,72}{-0,123} - 0,83 - 0,84 - 0,54$$