

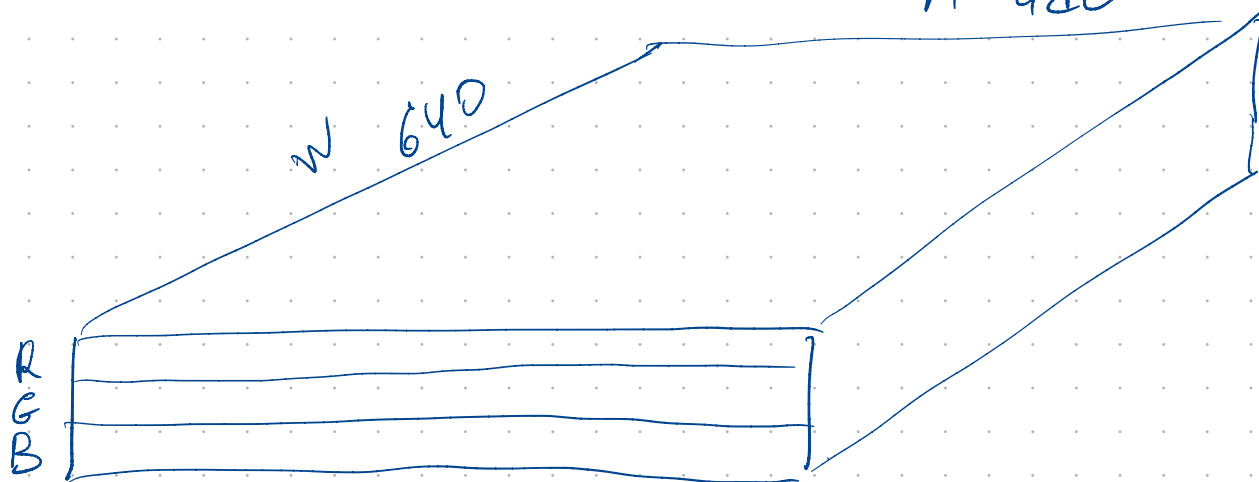
uint 8

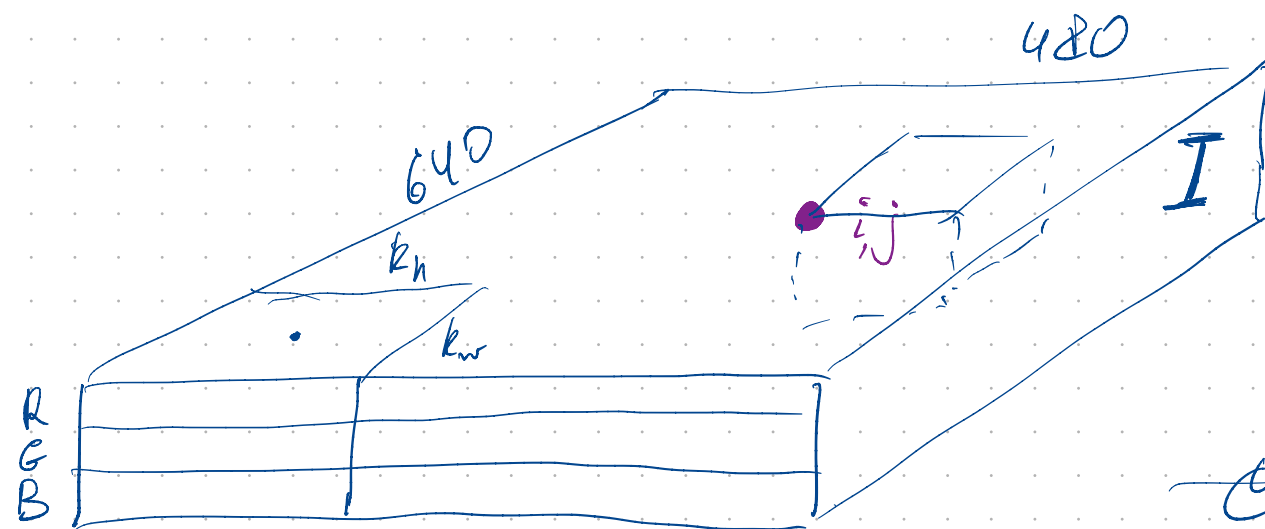
float 32

0 ... 255

0 ... 1

H 480





~~C x W x H~~
W x H x C

$$K: k_w \times k_h \times C_k$$

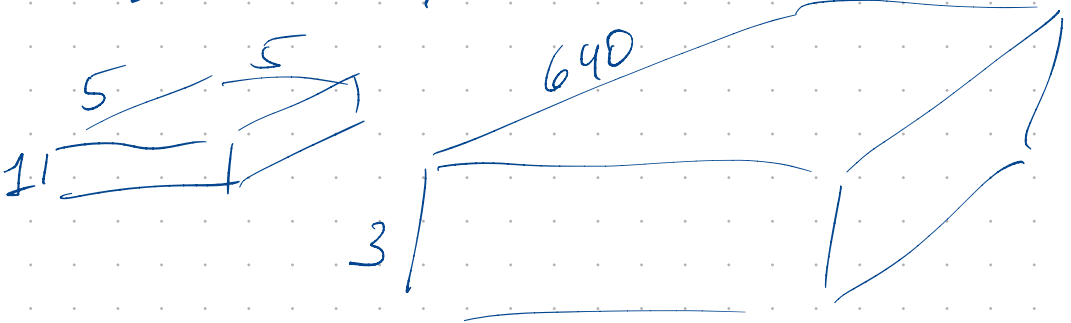
3

$$K: 5 \times 5 \times 3$$

$$G_{ij} = \sum_{\substack{\xi_w=1 \dots 5 \\ \xi_h=1 \dots 5}} K_{\xi_w \xi_h} \frac{1}{I_{i-\xi_w, j-\xi_h}}$$

$$G_{ij} = \sum_{\xi_w=1}^5 \sum_{\xi_h=1}^5 K_{\xi_w \xi_h} \frac{1}{I_{i-\xi_w, j-\xi_h}}$$

$$G_{ij} = I \begin{pmatrix} (i) & (i) & (j) & (j) \\ \vdots & \vdots & \vdots & \vdots \end{pmatrix} \cdot K$$

$$G_{cjc} = \sum_{\xi_w=1}^5 \sum_{\xi_h=1}^5 K_{\xi_w \xi_h}^D \frac{T_{i-\xi_w, j-\xi_h}}{c_{480}}$$


Identity:

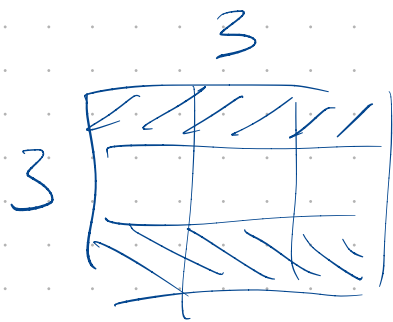
$$\begin{bmatrix} 0 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 0 \end{bmatrix}$$

$$G_{cjc} = \sum_{\xi_w=1}^5 \sum_{\xi_h=1}^5 (K_{\xi_k}^D - \bar{K}) (T_{i_{cm}} - \bar{T})$$

$$\begin{matrix} x & (\dots) \\ y & (\dots) \end{matrix}$$

$$\text{Cov} = (x - \bar{x})(y - \bar{y})$$

$$\text{Corr} = \frac{\hat{\sigma}_x \hat{\sigma}_y}{\sigma_x \sigma_y}$$



$$\begin{pmatrix} 1 & 1 & 1 \\ 0 & 4 & 0 \\ -1 & -1 & -1 \end{pmatrix}$$