$$C(x,y) = \frac{\sum_{n} \sum_{i} c_{n,i} \cdot w_{n,i} \cdot \hat{R}_{n}}{\sum_{n} \sum_{i} w_{n,i} \cdot \hat{R}_{n}}$$

where

 $c \in \mathbb{R}^{f \times s}$ the value of the Bayer pixel $w \in \mathbb{R}^{f \times s}$ the local sample weight $\hat{R} \in \mathbb{R}^f$ the local robustness