

Errata

“Design considerations for line-scan multi-spectral imaging systems”

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1 Text notation

Sec. 4.2.4, after Eqn. 4.5: wrong definition of variable dimensions	
Before	...polynomial coefficients and $\tilde{z}_u \in \mathbb{R}^{d \times 1}$ and $\tilde{z}_v \in \mathbb{R}^{d \times 1}$ the corresponding...
After	...polynomial coefficients and $\tilde{z}_u(x)$ and $\tilde{z}_v(x)$ the corresponding...

Sec. 4.3.1 B, before Eqn. 4.25: wrong index	
Before	“Feature mappings of camera responses \mathbf{x}_0 and \mathbf{x}_0 are”
After	“Feature mappings of camera responses \mathbf{x}_0 and \mathbf{x}_1 are”

Sec. 4.3.3: missing index	
Before	“The sub-pixel disparities are computed at every block-matching step and assigned to $\tilde{D} \in \mathbb{R}^{r \times c}$.”
After	“The sub-pixel disparities are computed at every block-matching step and assigned to $\tilde{D}_1 \in \mathbb{R}^{r \times c}$.”

2 Equations

Eqn. 3.17: \hat{f} and f interchanged	
Before	$\mathcal{E}_j(f) \leq \mathcal{E}_j(\hat{f})$, for all $j = 1, 2, \dots, d$ and any $\hat{f} \in \mathcal{F}_P$.
After	$\mathcal{E}_j(\hat{f}) \leq \mathcal{E}_j(f)$, for all $j = 1, 2, \dots, d$ and any $\hat{f} \in \mathcal{F}_P$.

Eqn. 4.26: missing index	
Before	$\arg \min_{D_1(x,y) \in \Psi} \sum_{i=l}^r \sum_{j=e}^t (F_0(i, j) - F_1(i + D(x, y), j))^2$,
After	$\arg \min_{D_1(x,y) \in \Psi} \sum_{i=l}^r \sum_{j=e}^t (F_0(i, j) - F_1(i + D_1(x, y), j))^2$,

3 Figures

Fig. 4.11: missing index	
Before	$F_1(x + D(x, y), y)$
After	$F_1(x + D_1(x, y), y)$

Fig. 4.21: typographic error in x-axis label	
Before	Wvalength [nm]
After	Wavelength [nm]