Errata for *Computer Vision: Algorithms and Applications*

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Hardcopy p.#	Online Sept. 3, 2010	Equation	Correction
36	40	after (2.23)	delete "and 0 is the zero vector"
44–45	49	near (2.51)	$[-1,-1] \Rightarrow [-1,1]$ (2 occurrences)
104	118	(3.25)	$\frac{\partial^2 y}{\partial^2 y} \Rightarrow \frac{\partial^2 f}{\partial^2 y}$
124	141	(3.70)	$p(S) \Rightarrow p(O\|S)$
173	197	Ex 3.10	... sum up to 1? ...
276	312	(6.3)	$\boldsymbol{r}_i = \boldsymbol{x}'_i - \boldsymbol{f}(\boldsymbol{x}_i;\boldsymbol{p}) = \hat{\boldsymbol{x}}'_i - \tilde{\boldsymbol{x}}'_i$
252	287	(5.20)	$Int(R) = \max_{e \in MST(R)} w(e)$.
286	324		... (Section 6.1.5) to obtain ...
308	349	(7.16)	$\tilde{y}_i = s(y_i - \mu_y)$
309	349	(7.17)	$\boldsymbol{E} = \boldsymbol{T}_1^T \tilde{\boldsymbol{E}} \boldsymbol{T}_0$.
313	354	(7.34)	$\boldsymbol{P}_1 = [\tilde{\boldsymbol{H}}\|\boldsymbol{e}]$,
314	356	above (7.35)	$\{\sigma_0, \sigma_1\}$
316	359	below (7.43)	... $\hat{\boldsymbol{M}}$ and $\hat{\boldsymbol{S}}$ are the *motion* and *structure* ...
318	361		... $\eta_j = t_{zj}^{-1}$ and ... parameters $\boldsymbol{p}_i$ and $(\boldsymbol{R}_j, t_j)$, ...
331	376		A fully automated ... is presented by ...
366	415		... Lee, Chen, Lin *et al.* 1997), ...
367		Fig. 8.15	(dangling "o")
371	422		... and smoothness norms such as L_1 or TV ...
411	469	line 2	... allows us to create ...
419	478		... recover the PSF and use it ...
428	489		(WLF) $\Rightarrow$ (WLS)
443	505	Fig. 10.37	grayscale image with some color ...
481	550		... just as in bilateral filtering (Figure 11.9c) ...
646–647	736–737	(A.1)...	$M \Rightarrow m$, $N \Rightarrow n$, $P \Rightarrow p$.
651	742	(A.24)	$\boldsymbol{r}_i = \boldsymbol{x}'_i - \boldsymbol{f}(\boldsymbol{x}_i;\boldsymbol{p}) = \hat{\boldsymbol{x}}'_i - \tilde{\boldsymbol{x}}'_i$
653	745	(A.37)	$\boldsymbol{A} = \boldsymbol{U}\boldsymbol{\Sigma}\boldsymbol{V}^T$,
653	745	(A.38)	$\boldsymbol{A}^T\boldsymbol{A} = \boldsymbol{V}\boldsymbol{\Sigma}^2\boldsymbol{V}^T$,
653	745	(A.39)	$\boldsymbol{A}^T\boldsymbol{A}\boldsymbol{v}_k = \sigma_k^2 \boldsymbol{v}_k$,
658	751	Alg.A.3	10. $\boldsymbol{p}_{k+1} = \boldsymbol{r}_{k+1} + \beta_{k+1}\boldsymbol{p}_k$ (both columns)
738	856		Lee, M.C., Chen, W.-G., Lin, C.-L. B., ...