New Segmentation and Edge Detection Methods Using Physics-Based Models of Image Formation

Errata

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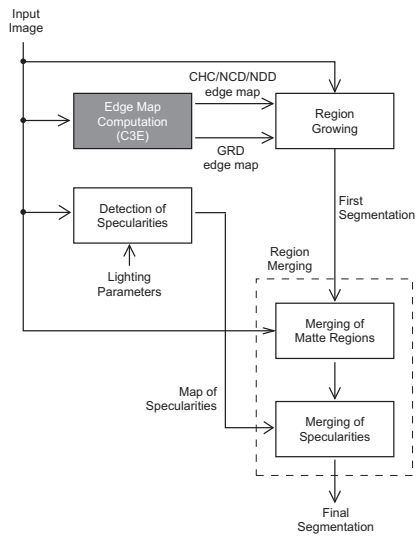
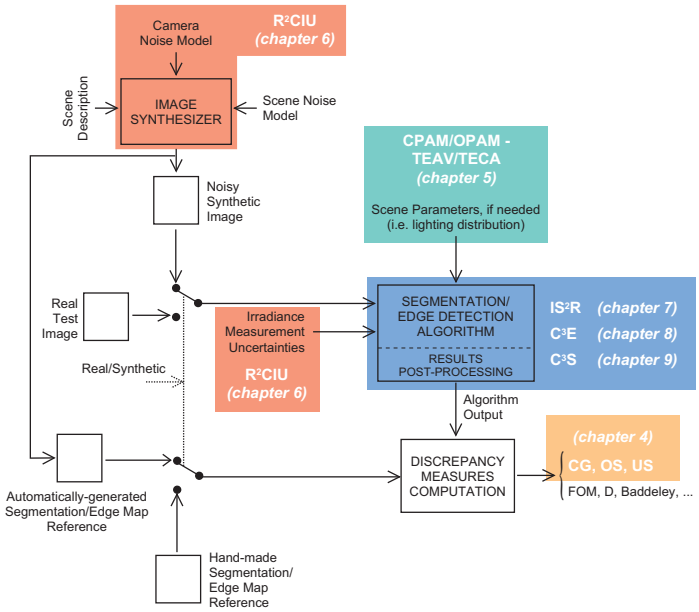
This is a list of known bugs discovered after printing and binding:

- Page 20, section 2.3.4. The last line should read "..., which increases the radiance of scene surfaces independently of local surface geometry".
- Pages 39–54. The authors field title of every survey entry should read **Author(s)** instead of **Auhor(s)**.
- Page 68, section 4.4.2, figure 4.3. The caption of the figure should read: *Confusion matrix for a multi-class classification problem. In the matrix, TP, TN, FP and FN correspond to class k.*
- Page 126, section 6.4.1, 2nd paragraph. The estimates for the camera gain $\boldsymbol{A}$ should be $(0.0046, 0.0048, 0.0074)$.
- Page 127, section 6.4.1, figure 6.4. The Y-axes of all the plots should read $\mathrm{E}_I[\sigma^2_{D^c}]$.
- Page 144, section 7.3, equation (7.20). The last quotient should be $\frac{\rho_b}{\rho_{b,C}} = \widetilde{\rho}_b$.
- Page 214, section 9.1, figure 9.1. The outline of $\mathrm{C}^3\mathrm{S}$ should be:



– Page 243, section 10.1, figure 10.1. R^2CIU also covers the measurement of irradiance uncertainties, not only the estimation of the parameters of the camera noise model.