ADDITIONS AND CORRECTIONS

2008, Volume 112C

Greeshma Gupta,* William H. Steier, Yi Liao, Jingdong Luo, Larry R. Dalton, and Alex K.-Y. Jen: Modeling Photobleaching of Optical Chromophores: Light-Intensity Effects in Precise Trimming of Integrated Polymer Devices

Pages 8051−8060. Figures 9 and 10 were incorrect in the version of the manuscript published on the Web on May 8, 2008 (ASAP) and in print. The corrected figures appear below. The correct version of the manuscript was published on the Web on May 29, 2009.

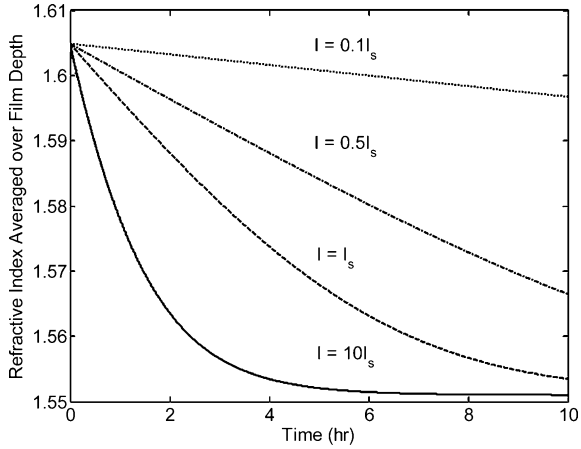

Figure 9. Curves predicting how a 2 μm thick YLD161b/APC film will bleach over time, for different values of the bleaching intensity I, all within one order of magnitude of the saturation intensity I_s.

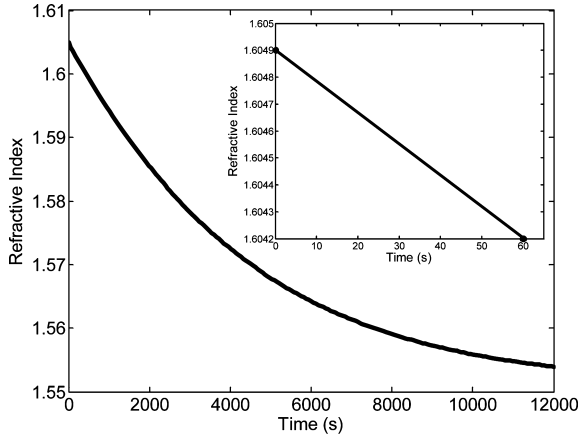

Figure 10. Estimated temporal evolution of depth-averaged refractive index ($\lambda = 1.31$ μm) for high-intensity green laser bleaching of YLD161b/APC thin film, based on fitting of experimental data for 60 s of continuous bleaching (inset). $B = 1.2 \times 10^4$ and $I_s = 12.6$ mW/cm^2.

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2009, Volume 113C

Piers R. F. Barnes,* Assaf Y. Anderson, Sara E. Koops, James R. Durrant, and Brian C. O'Regan: Electron Injection Efficiency and Diffusion Length in Dye-Sensitised Solar Cells Derived from Incident Photon Conversion Efficiency Measurements.

Pages 1126−1136. Typographical errors in eqs 8, A3, A4, and A5 were noticed in this manuscript.[1] The correct versions of these equations were used for the analysis presented in the paper,[1] thus none of the results or conclusions were influenced. In eq 8, the term α_1 should read α_I. The correct appendix expressions are given below.

The expression for the SE side IPCE is given by

$$\eta_{SE} = \frac{(1-R)L\eta_{inj}\alpha e^{-d(\alpha+\alpha_I)}[(L(\alpha+\alpha_I)-1)e^{d(\alpha+\alpha_I+(2/L))} + (L(\alpha+\alpha_I)+1)e^{d(\alpha+\alpha_I)} - 2L(\alpha+\alpha_I)e^{d/L}]}{(e^{2d/L}+1)[L^2(\alpha+\alpha_I)^2-1]} \quad \text{(A3)}$$

The expression for the EE side IPCE is given by

$$\eta_{EE} = \frac{(1-R)T_{Pt}T_I L\eta_{inj}\alpha e^{-d(\alpha+\alpha_I)}[-(L(\alpha+\alpha_I)+1)e^{2d/L} + 2L(\alpha+\alpha_I)e^{d(\alpha+\alpha_I+(1/L))} - L(\alpha+\alpha_I)+1]}{(e^{2d/L}+1)[L^2(\alpha+\alpha_I)^2-1]} \quad \text{(A4)}$$

The expression describing the ratio of the EE to SE side IPCEs is then given by

$$\frac{\eta_{EE}}{\eta_{SE}} = \frac{T_{Pt}T_I[-(L(\alpha+\alpha_I)+1)e^{2d/L} + 2L(\alpha+\alpha_I)e^{d(\alpha+\alpha_I+(1/L))} - L(\alpha+\alpha_I)+1]}{[(L(\alpha+\alpha_I)-1)e^{d(\alpha+\alpha_I+(2/L))} + (L(\alpha+\alpha_I)+1)e^{d(\alpha+\alpha_I)} - 2L(\alpha+\alpha_I)e^{d/L}]} \quad \text{(A5)}$$

Acknowledgment. We are grateful to Wenhua Leng for noticing these errors.

References and Notes

(1) Barnes, P. R. F.; Anderson, A. Y.; Koops, S. E.; Durrant, J. R.; O'Regan, B. C. *J. Phys. Chem. C* **2009**, *113* (3), 1126–1136.

10.1021/jp904497c
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