Corrections to "A Physiologically-Based Model for Simulation of Color Vision Deficiency"

Gustavo M. Machado, Manuel M. Oliveira, *Member*, *IEEE*, and Leandro A.F. Fernandes

IN [1], which appeared in the November/December 2009 issue of *IEEE TVCG* (volume 15, number 6, pp. 1291-1298), there were typos in (17) and (18). The correct version of these equations are below:

$$L_a(\lambda) = \alpha\, L(\lambda) + (1-\alpha)\, 0.96\, \frac{Area_L}{Area_M}\, M(\lambda), \tag{17}$$

$$M_a(\lambda) = \alpha\, M(\lambda) + (1-\alpha)\, \frac{1}{0.96}\, \frac{Area_M}{Area_L}\, L(\lambda). \tag{18}$$

Note that all images and results shown in the paper and provided in the supplemental materials were produced using the correct equations.

REFERENCES

[1] G.M. Machado, M.M. Oliveira, and L.A.F. Fernandes, "A Physiologically-Based Model for Simulation of Color Vision Deficiency," *IEEE Trans. Visualization and Computer Graphics*, vol. 15, no. 6, pp. 1291-1298, Nov./Dec. 2009.

• *The authors are with UFRGS.*
E-mail: {gmmachado, oliveira, laffernandes}@inf.ufrgs.br.

For information on obtaining reprints of this article, please send e-mail to: tvcg@computer.org.