

Mark D. Fairchild

COLOR APPEARANCE MODELS

Second Edition

Errata (Last Updated: 12/27/05)

Many of these errors have been corrected in a second printing.

BACK COVER:

The Munsell Color Science Laboratory is at the *Rochester Institute of Technology*, not the *Rochester University of Technology*.

COPYRIGHT PAGE:

“This book was previously publisher by Pearson Education, Inc.” should say “This book was previously published by Pearson Education, Inc.”

PAGE 17:

First subheading “Trichhromatic Theory” should be “Trichromatic Theory”.

PAGE 31:

In the penultimate line, “which to was formerly” should be “which was formerly”.

PAGE 45:

In the Staircase Procedures section, “(0.793 = 0.5)” should read “(0.79³ = 0.5)”.

PAGE 109:

“PANTONE” likes to write their company name in all capital letters and the details of their systems have changes slightly since the text was originally written (1997). They’d probably really like to see a little ® symbol next to their name as well. The concept has not changed.

PAGE 122:

Mid-page, “power iaw” should be “power law”.

PAGE 153:

In the third line, “possible imagine” should read “possible to imagine”.

PAGE 175:

In the third line after Eq. 9.21, “lies in the s term” should be “lies in the σ term”.

PAGE 181:

The third paragraph starting with “The Breneman ...” is a repeat from page 177 and should not appear on page 181. No content is missing from page 181.

PAGE 182:

The published MCAT02 matrix in Eq. 9.40 is incorrect (it is a version of the Hunt-Pointer-Estevéz matrix). The correct MCAT02 matrix is as follows. It is also given correctly in Eq. 16.2

$$\mathbf{M}_{CAT02} = \begin{vmatrix} 0.7328 & 0.4296 & -0.1624 \\ -0.7036 & 1.6975 & 0.0061 \\ 0.0030 & 0.0136 & 0.9834 \end{vmatrix} \quad (9.40)$$

PAGE 186:

In Eq. 10.4, \geq should be \leq .

PAGE 203:

In the first line, “44.99°” should be “43.19°”.

PAGE 243:

In the third line of text, “three-dimeusional” should be “three-dimensional”. Equations 14.22 and 14.23 should read as follows.

$$Br = (A_1^2 + T_1^2 + D_1^2)^{1/2} \quad (14-22)$$

$$C = (T_2^2 + D_2^2)^{0.5} / A_2 \quad (14-23)$$

PAGE 268:

Just above Eq. 16.3, “practically” should be “practical”.

PAGE 281:

In Table 17.1, “Imcomplete adaptation” should be “Incomplete adaptation”.

PAGE 345:

All four of the b parameters listed for the chromatic CSFs should be positive values; 0.00038 and 0.00367 for the red-green CSF and 0.000004 and 0.10391 for the yellow-blue CSF.

PAGE 379:

CIECAM02, CIECAM97s, CIELAB, & CIELUV should all be indented in the index.