Errata for

*Computer Graphics: Theory into Practice*

First Printing:

Page 27 equation (1.6) – the term 0298 in the second equation should be 0.298

Page 28 equation (1.9) – the second equal sign on the right side of the equation should be a multiplication sign (*). (contributed by Mark Meyer)

Page 110 first paragraph of section 2.6.8 – the two calls to glHint on the fifth and sixth lines of the paragraph should have GL_FOG_HINT as their first parameter. In other words, the calls should be glHint(GL_FOG_HINT, GL_NICEST) and glHint(GL_FOG_HINT, GL_FASTEST).

Page 111 second line – the parameter GL_START should be GL_FOG_START and the parameter GL_END should be GL_FOG_END

Page 138 figure 3.13 – the edge labels in the last two columns of the table should be reversed. For example, the second line should have the u in the predecessor column and the w in the successor column. The bolded headings for these columns are correct as printed.

Page 187 – there should be the call glEnable(GL_AUTO_NORMAL); as the last statement of the init function. In other words, the end of this function should be:

```cpp
    glEnable(GL_MAP2_VERTEX_3);
    glEnable(GL_AUTO_NORMAL);
```

Page 188 – there should be the call glEnable(GL_AUTO_NORMAL); between the last two statements of the init function. In other words, the end of this function should be:

```cpp
    glEnable(GL_MAP2_VERTEX_3);
    glEnable(GL_AUTO_NORMAL);
    glMapGrid2f(40, 0.0, 1.0, 40, 0.0, 1.0);
```

Page 201 seventh line of section 5.2.3 – the phrase “… the distance to the object is that is being displayed …” should be “… the distance to the object that is being displayed …”

Page 247 second line of equation (6.15) – the innermost term should be $y + \Phi_Gy$ (not $x + \Phi_Gy$) and for readability the equation should break before the first * on the line (in front of the second summation) instead of before the plus sign.

Page 261 third last line of text (not footnote) – “glTexImage2d” should be “glTexImage2d” (i.e., the lower case ‘t’ should be removed).
Page 307 calculation of term5 in the algorithm (fifth line) – the term listed as b_x should be P_{1,x}.

Page 307 calculation of term6 in the algorithm (sixth line) – the first term listed as P_{0,x} should be P_{0,y}.

Page 307 calculation of b in the algorithm (ninth and tenth lines) – in this calculation term4 should be term1, term5 should be term2, and term6 should be term3.

Page 316 equation (8.22) – the equation should be $T = \frac{\eta_L}{\eta_T} I + \left( \frac{\eta_L}{\eta_T} \cos \theta_T - \cos \theta_T \right) N$.

Page 321 seventh line – the statement should be $\text{norm} = \text{normal}$.

Page 321 second line from bottom – the statement should be $\text{norm} = -\text{normal}$.

Page 341 caption for figure 9.2 – “images” should be “image”.

Pages 359-360 equations (9.14), (9.15), and (9.16) – the value in the second row, third column of the large matrix should be $F_{23}$ not $F_{13}$.

Page 360 equation (9.18) – all of the negative signs inside the large matrix should be removed.

Page 365 caption for figure 9.15 – “lower patches” should be “lower patch”.

Page 417 figure 11.6 part D only – the two spheres labeled ‘M’ should be labeled ‘B’.

Page 448 figure 12.7 – the figure should only include the left most image and the figure caption should read “A twist of hair.”. The other two images are duplicates of those in figure 12.8. (Note: The color plate 12.4 has the one correct image, but its caption should also be “A twist of hair.”) The credit lines for this figure and color plate are correct as printed.

Page 471 lines 2 and 3 of section A.7.7 – “parallelopiped” should be parallelepiped.

(Thanks to Glenn Brookshear and Mark Meyer for pointing these out.)