

## Introduction to Computer Graphics - a Practical Learning Approach

Errata: (mistake location is in bold)

PageRef.	Corrections:
37	gl_FragColor = vec4(0.0, 0.0, <b>1.0</b> , 1.0) for blue
62 last p:	ends at the point <b>P</b> subscript <b>3</b>
75 last p: middle:	<b>types:</b>
107 1st p:	p & p' <b>lie</b>
113 figure 4.18	on the bottom right it is "p_z" and not "p_x"
120 in 4.8 Upgrade Your Client-section	remove "and the Track"
127 last p:	<b>uModelViewMatrix</b>
128 right above last p:	R subscript x(-30degrees)
141 definition of F	$F(x,y) = -\text{deltay } x + \text{deltax } y - c$ <b>deltax</b>
141 formula 5.7	if $D_i \geq 0 \rightarrow \text{OutputPixel}(i1, j)$ if $D_i < 0 \rightarrow \text{OutputPixel}(i1, \mathbf{j+1})$
141 listing 5.2	the update $j = j+1$ goes on the else branch
141 listing 5.2	$D = D + \mathbf{2}*(Dx - Dy)$
141 listing 5.2	$D = D - \mathbf{2}*Dy$
147 2nd p:	no definition of simplex in Section 3.2, it was removed. check <a href="https://en.wikipedia.org/wiki/Simplex">https://en.wikipedia.org/wiki/Simplex</a>
163	p_x should be p_y in the second row fo the formulas, b_x should be b_y in the second row. "If $R(p_0)=0 \vee R(p_1) \neq 0$ " should be "If $R(p_0)=0 \wedge R(p_1) \neq 0$ "
182 Caption of figure 6.8	Bidirectional <b>Reflectance Distribution</b> Function (BRDF)

190 under 6.6.2 2nd p:	<b>transformed</b> surface
190 above diagram at bottom:	by the inverse <b>transpose</b>
223 2nd p:	(u,v) is expressed in <b>texels</b>
229 2nd p:	LINEAR_ <b>MIPMAP</b> (two times)
232 last p: right before last word	color <b>attachment</b>
239 last p:	<b>reflection</b> direction
241 Listing 7.9: description	Creating the reflection map <b>on the fly</b>
247 p: right above 7.8.4.1 Computing the Tangent Frame section	simply by <b>transforming</b>
249 last p:	Does g always <b>exist</b> ?
264 2nd p: middle	in Equation (8.2) <b>is</b> not done
278 under section 9.2.2	to sprites that can <b>be</b> zoomed
309 second block of code, line 32	brightness = 0.8;
333 in the code near the top, first if statement	remove the first ')' i the first "if" statement
371 top	<b>global</b>