Errata for Calculus III, Second Edition  
Version: March, 2007  
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The following errata are for the current printing of the second edition. We are grateful to those who provide additional corrections. Please communicate any new ones by sending e-mail to the authors.  
In these errata, “line 3↑” means “line 3 from the bottom of the page”.

Chapter 14  
Page 753, Exercise 16 “curvature vector” should be “curvature”.

Chapter 17  
Page 878, line 16 should read “… the gravitational potential for a unit mass at $(x_1, y_1, z_1)$…”.  
Page 878, line 9↑ the formula should read  
$$V(x_1, y_1, z_1) = -G \iiint_W \cdots$$  
Page 879, line 2 should read “gravitational potential for a unit mass is given by”.  
Page 879, lines 3, 7, 8, 9, 10, 6↑, 3↑ the RHS of each of these equations should have a minus sign.  
Page 880, lines 1, 2, 12, 13, 16↑, 15↑ the RHS of each of these equations should have a minus sign.  
Page 880, line 8↑ the equation should read  
$$V(0,0,R) = -2\pi \frac{\rho^2}{R} \int_{\rho_1}^{\rho_2} \rho \left[ \rho + R - (\rho - R) \right] d\rho = -4\pi \int_{\rho_1}^{\rho_2} \rho d\rho = -2\pi (\rho_2^2 - \rho_1^2).$$  
Page 881, lines 1, 7 The potential should have a minus sign.

Index  
Page I.12 “quadratic surfaces” should be “quadric surfaces”.