

## Errata for Differential Geometry in Physics

by Gabriel Lugo. Published by UNC Randall Library, UNCW, 2021

Other than some punctuation missing in a few equations, the following is a list of the known errors that evaded detection in the 2021 edition.

1. Page 001, line 2: Delete the redundant "a point". This is what happens when inserting a line at the last minute.
2. Page 159. Change the numerator  $R$  to 1 in the integral in the Scherk surface example.
3. Page 174, near the bottom of the page after the phrase "we get a pair of differential equations". Change the plus sign in the second differential equation to a minus sign.
4. Page 175, third equation from the top. Change the denominator  $i(1 - \tau^2)$  to  $i(1 + \tau^2)$ .
5. Page 176, equation 5.73. Delete extra factor of 3 in the middle term. Should read  $-3r \sin \phi - r^3 \sin 3\phi$
6. Page 299, third equation in 8.76. Superscript  $\nu$  in first term should be a subscript.