

Errata in Stewart and Tall
“Algebraic number theory and Fermat’s last theorem”
Third Edition

Be sure to double-check that the error is not mine!
Some line numbers are approximate.

- p.33, l.11: “elementary” should be “elementary”
- p.66, l.16: the summation should begin at $i = 1$, so as to read $\sum_{i=1}^{p-2} a_i$.
- p.66, l.18: the summation should begin at $i = 0$, so as to read $\sum_{i=0}^{p-2} a_i$.
- p.91, l.18 and l.22: “ a ” should be “ α ”.
- p.94, l.3: “ $\mathbf{Q}(d)$ ” should be “ $\mathbf{Q}(\sqrt{d})$ ”.
- p.106, l.20: omit the comma after α_1 .
- p109, l.22: replace “But if $\mathfrak{p}\mathfrak{p}^{-1} = \mathfrak{D}$ ” by “But if $\mathfrak{p}\mathfrak{p}^{-1} = \mathfrak{p}$ ”.
- p116, l.3: replace “ $\mathbf{N}(a)$ ” by “ $\mathbf{N}(\mathfrak{a})$ ”.
- p119, l.15: “pf” should be “of”.
- p157, l.1: “is equivalent” (“is” is missing).
- p158, l.7: replace “ b ” by “ \mathfrak{b} ”.
- p.161, l.3: second factor after $=$ sign should be “ $(\mathfrak{D}'\mathfrak{e})$ ”.
- p.188, l.10: replace “Equation (11.1)” by “Lemma 11.1”.
- p.190, l.15: omit “ $= 0$ ” in the formula.
- p.214, l.8: this correction doesn’t matter, but “ $(A, B, C) \neq 0$ ” looks better in light of “ $(A, B) \neq 0$ ” on l. 4.
- p.218, l.9: replace “ \mathbf{R}^3 ” by “ \mathbf{C}^3 ”.
- p.222, l.8: replace “ $t \in Q$ ” by “ $t \in \mathbf{Q}$ ”.
- p.224, l.-3: insert the word “a” before “projective”.
- p.227, l.-8: replace “ mn ” by “ m ”.
- p.231, l.-3: replace “Section 14.2” by “Section 14.3”.
- p.235, l.5: “dicussed” should be “discussed”.
- p.238, l.8: “ $X(U)$ ” should be “ $X(u)$ ”.
- p.240, l.-1: “ Q ” should be “ \mathbf{Q} ”.

- p.243, l.7: missing right parenthesis “)” after “ $\sin(\theta)$ ”.
- p.246, l.-5: missing derivative sign, should be “ $\wp'(-z) = -\wp'(z)$ ”.
- p.247, l.8, l.9, and l.10: the function “ h ” should be “ f ”.
- p.248, l.14: “ y^z ” should be “ y^2 ”.
- p.252, l.14: “describe” should be “described”.
- p.255, l.18: “ $C \setminus \{0\}$ ” should be “ $\mathbf{C} \setminus \{0\}$ ”.
- p.264, l.23: in Conj. 14.24, the large (a, b, c) correspond to $s < 1$ and not $s > 1$.
- p.265, l.-6: replace “ $P(c)$ ” by “ $P(C)$ ”.
- p.266, l.-5 (above table): replace “ N ” by “ \mathbf{N} ”.
- p.274, l.5: the word “the” is repeated.
- p.294, l.-8: in formula (B.2) the summation index should be “ k ” and not “ h ”.
- p.298, l.-13: the letter “ V ” should be in italics, so “ V ”.