

Here is a list of errata for the book Mathematics and Music, by David Wright.

1. Page 5. Last sentence should read: “Note that B_3^\sharp coincides with C_4 , and C_4^\flat coincides with B_3 .”
2. Page 26. In the 4th line in the paragraph on Retrogression, $y = f(-x)$ should replace $y = -f(x)$.
3. Page 27. The paragraph on symmetry should say *O Tannenbaum* has form ABA.
4. Page 31. Sentence beginning on 4th line from the bottom should say n , not m .
5. Page 38. The fifth chord example, the one in B major, should be labeled III, not $\sharp III^7$.
6. Page 38. The last chord example, the one in A^\flat major, should be labeled $\flat III^7$, not $\flat III$.
7. Page 45. 2nd paragraph: the notation $(a : b)$ should have been defined before it was used.
8. Page 51. Exercise 4 should reference Exercise 2, not Exercise 1.
9. Page 66. Last musical example, treble clef, second measure: the B^\flat should not be dotted.
10. Page 71. Second line of Modular Equivalence on Real Numbers should say $x - y$, not $l - \ell$.
11. Page 75. Example (1) should say \mathbb{Z}_2 , not \mathbb{Z}_m .
12. Page 76. In Example 3 $f(x) = b^x$ should replace $fr = b^r$.
13. Page 77. The bottom example should reference Chapter 6, not Chapter 5.
14. Page 81. Second measure of the musical example, second chord in the treble clef, should have E as its bottom note, not D.
15. Page 81. Fourth line of Exponential Notation in a Group should say $x^{-1} \cdot x^{-1} \dots x^{-1}$.

16. Page 83. The list of powers of u near the top of the page should say $u^2 = t^6$, and it should include $u^3 = t$.
17. Page 87. Last line in the proof of the theorem should say $m = qn \in n\mathbb{Z}$, not $n = qn \in b\mathbb{Z}$.
18. Page 88. Tenth line in Sieve of Eratosthenes should say "... which are divisible by 3."
19. Page 91. The melodic passage from *In the Mood* should be in the key of A^b (four flats), not E^b (though it will not affect any notes in the passage).
20. Page 99. First line of Twelve should say 2 cents flat, not 14 cents sharp.
21. Page 100. In the second musical example the eleventh harmonic is best approximated by B, not B^\sharp . (Unfortunately this error was reproduced on the front cover of the book.)
22. Page 105. Last paragraph should say "the effect of stretching horizontally by a factor of c is to multiply the frequency of $f(x)$ by c ." (not "divide")
23. Page 108. Middle of the last paragraph of Musical Tones and Periodic Functions should say "horizontal stretch", not "horizontal shift".
24. Page 111. Same mistake as the one on page 100.
25. Page 112. Third line from the bottom should say "Since G_4 is reinforced, ...", not "Since G_3 is reinforced, ...".
26. Page 131. 9th line from the bottom should say "... the ratio between the i -th and the $(i + 1)$ -st pitch is $(n_i : n_{i+1})$."
27. Page 134. Exercise 6(b) should say "a just fifth plus a septimal minor third is a septimal minor seventh"
28. Page 135. Exercise 6(c) should say "a greater whole tone plus a lesser whole tone is a just major third"
29. Page 140. Point 1. near the bottom should say $\hat{8}$, not $b\hat{8}$.

30. Page 145. Exercise 6 (c) and (e) can be removed, as these chords have not been defined in the book.

The author would appreciate being informed of additional errata that are found.