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This file contains the errata known to us as of the above date for the second printing of the 5th edition (2003). The third printing, in which these errata are corrected will be released soon.

If you have an earlier printing, please see the book’s web sites for the earlier errata list: http://www.cds.caltech.edu/marsden/books/ (and click on Vector Calculus).

Historical Introduction
Page xvii, Line 13 from the bottom. “Indus Valley” should be “Ganges Valley”

Chapter 1
Page 58, Line 6 from the bottom. The second −ki should be −ik.

Chapter 3
Page 232, Line 24. “its corollary” should be “Theorem 9”.

Page 236, Third displayed equation. Replace \( x = \lambda / 2 \) with \( x = 1 / (2\lambda) \) and similarly for \( y \) and \( z \). On the next line, replace \( \lambda = \pm 2 / \sqrt{3} \) with \( \lambda = \pm \sqrt{3} / 2 \).

Page 248, Line 1. Delete the first minus sign on this line.

Chapter 4
Page 313, Exercise 10. \( 2\sqrt{2t}k \) should be \( 2\sqrt{2t}k \) (the \( t \) should be under the square root sign).

Chapter 6
Page 408, First displayed equation. Swap the subscripts 1 and 2 on the two \( \phi \)s.

Page 412, First displayed equation. The denominators of the integrands should be under a square root sign and the upper limit of the integral after the equals sign should be \( \sqrt{1 + x^2} - \delta \) (change the plus to a minus).

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