

# Errata for Vector Calculus, 5th Edition, 1st Printing

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This file contains the errata known to us as of the above date for the first printing of the 5th edition (2003). If you have an earlier printing please see the book's web sites for the earlier errata list: <http://bcs.whfreeman.com/marsdencv5e/> and <http://www.cds.caltech.edu/~marsden/books/node5.html>.

## Chapter 1

**Page 6.** The legend of Figure 1.1.7 should read

$$(a_1, a_2) + (b_1, b_2) = (a_1 + b_1, a_2 + b_2)$$

## Chapter 4

**Page 272, line 5 from bottom.**  $\mathbf{F} = ma$  should read  $\mathbf{F} = m\mathbf{a}$ .

**Page 309, line 3 from bottom and page 310, line 2.** Insert inner product dots after  $\mathbf{i}$ ,  $\mathbf{j}$ , and  $\mathbf{k}$ .

## Chapter 5

**Page 352, 2 lines above the box.** The first “equality” should read “inequality”.

## Chapter 8

**Page 608, last line.** The triple integral after the equal sign should be a double integral.

## Inside back cover.

In the  $\mathbf{i}$ ,  $\mathbf{j}$ ,  $\mathbf{k}$  item, in the right hand column,  $\mathbf{R}$  should be  $\mathbb{R}$ .