

**ERRATA**  
***Probability for Risk Management***  
**Solutions Manual**  
**Second Edition**  
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**Page 12, Question 3-8 (a)**

Answer should be 0.5729.

**Page 66, Question 7-4 (a)**

$dx$  is missing from second printed integral.

**Page 73, Question 8-1**

There is an extraneous 2 in the second to last equation for  $V(X)$ .

**Page 76, Question 8-13 (a)**

There should be a "-" in front of 25, so that the correct formula should be  $1 - e^{-25/38}$ .

**Page 107, solution to Question 9-29**

Line 3 should read  $E(Y) = .09516x + .08201x = .17717x$ .

**Page 107, Question 9-31**

$E(B) =$ , in the second integral there is a  $dt$  instead of  $dy$ .

**Page 125, Question 10-31**

$P(S < \frac{1}{2} \text{ or } Y < \frac{1}{2})$ , the Y should be a T.

**Page 127, Question 10-33**

In the second to last equation the second term should be  $+\frac{6}{5}e^{-5x/6}$ .

**Page 134, Question 10-40**

The final line should read  $V(Y | X = 1) = .204$  instead of  $V(X) = .204$ .

**Page 139, Question 10-45 (b)**

This tells us that  $f(x, y) = f(y | x)f_X(x)$ , instead of  $f(x | y)f_X(x)$ .

**Page 161, Question 11-43**

The limit on the integral  $F(x)$  should go from 1 to x, not 0 to x.

**Page 162, Question 11-44**

In the third line of equations,  $(2x - 2 - y)$  should be  $(2x + 2 - y)$ .

**Page 168, Question 11-50**

Under "By the central limit theorem...",  $\sigma_S$  should be  $\sigma_T$ .