

Appendix B errata

Location	Original text	Corrected text
p. 342, line 16	$\frac{5}{14}$	$\frac{5}{24}$
p. 342, line 8 from bottom	Exercise B.9.4	Section B.9.4
p. 352, Example B.23	(b) First evaluate...	see below
p. 355, line 7 from bottom	$I_1 + I_2$	$I_1 - I_2$
p. 364, Figure B.5 (d)		see below

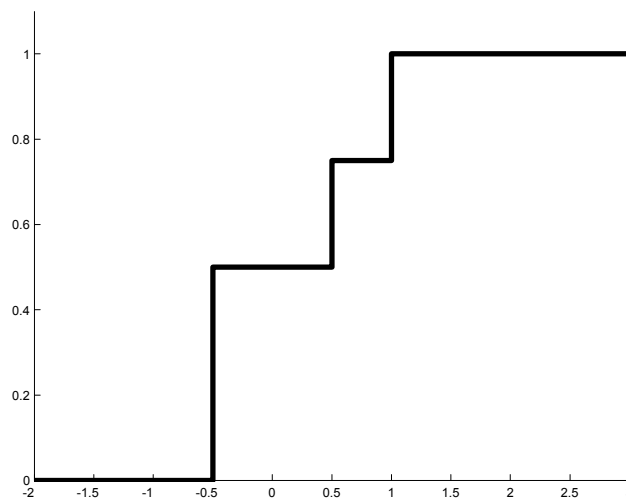


Figure B.5 (d)

Correct solution of B.23 (b): First evaluate the density

$$f(x) = F'(x) = \frac{e^x}{(1 + e^x)^2}.$$

From (B.9) we obtain

$$\begin{aligned} P(0.05 < X \leq 0.1) &\approx f(0.05) (0.1 - 0.05) \\ &= \frac{e^{0.05} 0.05}{(1 + e^{0.05})^2} = 0.0125. \end{aligned}$$