

**Errata for Papoulis/Pillai's Probability, Random Variables
and Stochastic Processes, 4e**

Page	Line	Instead of	Read
165	Prob. 5–17 (first line)	$Y = X^2$	$Y = \sqrt{X}$
166	Prob. 5–38 (a)	$(1 - \beta e^{j\omega})^{-\alpha}$	$(1 - j\beta\omega)^{-\alpha}$
166	Prob. 5–38 (b)	$(1 - 2e^{j\omega})^{-n/2}$	$(1 - j2\omega)^{-n/2}$
236	Prob. 6–8 last line	$f_{xy}(x, y)$	$f_z(z)$
246	4 (from bottom)	α	λ
398	7 (from bottom)	(9–142)	(9–146)
719	10, 15	(16–166)	(15–125)
719	11	(16–163)	(15–120)
719	12	(16–165)	(15–124)
719	13, 15	(16–167)	(15–126)
719	13	(16–159)	(15–114)
719	16	(16–173)	(15–131)
720	1	(16–176)	(15–133)
720	1	(16–182)	(15–135)
720	1	(16–185)	(15–136)
720	3	(16–165)	(15–124)
720	3, 5, 11	(16–186)	(15–137)
720	4	(16–168)	(15–127)
720	5	(16–159)	(15–114)
720	9	(16–169)	(15–128)

Page	Line	Instead of	Read
720	12	(16–187)	(15–138)
720	12	(16–170)	(15–129)
720	19	(16–181)– (16–186)	(15–134)– (15–137)
720	21	(16–171)	(15–130)
721	16	(16–200)	(15–144)
722	14, 16	(16–213)	(15–147)
722	14, 21	(16–214)	(15–148)
722	18	(16–212)	(15–146)
722	20	(16–216)	(15–149)
723	8	(16–219)	(15–152)
723	12, 18	(16–221)	(15–154)
723	10 (from bottom)	(16–169)	(15–128)
723	3 (from bottom)	(16–218)	(15–151)
724	6	(16–239)	(15–156)
725	16	(16–166)	(15–125)
725	18	(16–240)	(15–157)
725	20	(16–163)	(15–120)
726	11 (from bottom)	(16–156)	(15–110)
810	12, 14	Theorem 15–8	Theorem 15–9
813	2 (from bottom)	arriving	originated
817	3, 8, 15 (from bottom)	Theorem 15–9	Theorem 15–10
820	5	Theorem 15–8	Theorem 15–9
821	Left Margin	Nyquist Theorem	Burke's Theorem
822	Eq.(16–256)	$\lambda F_{n-1}(t)$	$\lambda \Delta t F_{n-1}(t)$