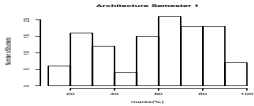
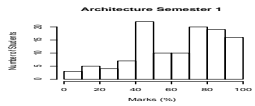
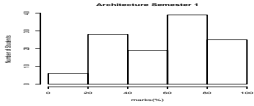
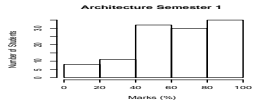
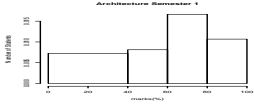
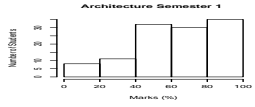


Probability with *R* : Errata

Page	As printed	Should be
7	?read.Table	?read.table
9	arch[5]	arch1[5]
11	click on File/Load workspace...	click on File/Save workspace
16	sd (Results na.rm = T)	sd (results, na.rm = T)
28	bins < - c(0, 40, 60, 80, 100)	bins < -c(0, 20, 40, 60, 80, 100)
29		
29		
30		
85	For $k > 2$ independent events, “ E_1, E_2, \dots, E_k independent” means each pair E_i, E_j is independent. The multiplication law is $P(E_1 \cap E_2 \dots E_k) = P(E_1)P(E_2) \dots P(E_k)$	For $k > 2$ independent events, “ E_1, E_2, \dots, E_k independent” means not only that each pair E_i, E_j is independent, but also that, for each $\ell = 2, \dots, k$ and every selection F_1, F_2, \dots, F_ℓ from E_1, E_2, \dots, E_k , $P(F_1 \cap F_2 \dots F_\ell) = P(F_1)P(F_2) \dots P(F_\ell)$
122	$(1 - .1^2) * (1 - .15^2) * .99$ [1] 0.9580478	$(1 - .1^2) * (1 - .15^3) * .99$ [1] 0.9767922
126	caption on Figure 8.7: in Series	in Parallel
127	caption on Figure 8.8: in Series	in Parallel
147	3×0.001	5×0.001
163	...and type = h draws a horizontal line from...	...and type = h draws lines from...
165	5 decemal place	5 decimal places.
166	round (pgeom(x, .2, 3)	round (pgeom(x, .2), 3)
169	Notice that the first orginal in qgeom...	Notice that the first argument in qgeom...
169	...and the second arguement	...and the second argument
175	trails	trials
175	first defective	first head
187	$\dots (0.95)^3(0.05)^1$	$\dots (0.95)^3(0.05)^2$
196	$4 \times (0.014)$	$4 \times (0.015)$
198	0.9375	0.9406
198	$\sqrt{0.9375} = 0.9683$	$\sqrt{0.9406} = 0.9698$
218	Table 12.1 column 4: 0.3881, .1939	0.3884, .1941
228	when the number of trials n is small	when the number of trials n is large
249	$P(\text{acceptance}, .01)$	$P(\text{acceptance}, 0.1)$
264	0.0172	0.0173
264	0.033	0.0133
278	that the error is less than e^{-14}	that the error is less than 1.1×10^{-14}
291	used in Chapter 12	used in Chapter 13
300	$P(T0.25 < T \leq 0.5 \text{ min} T > 0.25 \text{ min})$	$P(T \leq 0.5 T > 0.25)$
302	pexp(5, 5)	pexp(5, .2)
338	$P\left(\frac{40-50}{4} < \dots\right)$	$P\left(\frac{40-45}{4} < \dots\right)$
347	Fig 18.2	Fig 18.12
370	$P(X \geq 50) \leq \frac{5}{50} = 0.01$ $P(X \geq 500) \leq \frac{5}{500} = 0.001$ $P(X \geq 5000) \leq \frac{5}{50.000} = 0.0001$	$P(X \geq 50) \leq \frac{5}{50} = 0.1$ $P(X \geq 500) \leq \frac{5}{500} = 0.01$ $P(X \geq 5000) \leq \frac{5}{5000} = 0.001$
372	$\sigma = 0.5$	$\sigma = 1.6$