<div align="center">

Errata
for
A First Course in Monte Carlo
by
George S. Fishman

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Page	Line	From	To
9/26/05			
34	14 from b	$\mathcal{H}(g)$	$\mathcal{H}(\mathcal{G})$
11/29/05			
69	Table 2.11	For city 14 insert these percentages: Sta\City j.... 11 12 13 14 15 16 17 18 19 20 14 10 4 5 5 4 4 3 2 3 2	
166	Fig. 5.1	$\min\left(0, 1 - \frac{1}{x}\right)$	$\max\left(0, 1 - \frac{1}{x}\right)$
337	13 from b	Delete sentence beginning with "It is easily seen..."	
12/31/05			
165	4 from b.	1,000	10,000
388	9	as	is
2/6/06			
206	7	$\pi(\mathbf{z})q(\mathbf{y}, \mathbf{z})$	$\pi(\mathbf{y})q(\mathbf{y}, \mathbf{z})$
206	11	$\pi(\mathbf{z})A(\mathbf{y})$	$\pi(\mathbf{y})A(\mathbf{y})$
212	(6.20) row 3, col. 2	1	0.571
212	(6.21) row 3, col. 2	.050	0.286
"	(6.21) row 3, col. 3	blank	0.214
216	9 from b.	delete "not"	
"	7 from b.	delete $\prod_{l=1}^{r}$	
"	7 from b.	S_{l+1}	S_l (4 times)
"	1 from b.	S_{l+1}	S_l (twice)
217	(6.29)	S_{l+1}	S_l
"	4 below table 1	S_{l+1}	S_l
218	3	$l = S_{l+1}$	$l = 1$
214	(6.23) and (6.24)	replace by	

$$\alpha(x,y) = \begin{pmatrix}
1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \\
0.250 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \\
0.143 & 0.571 & 1 & 1 & 1 & 1 & 1 & 0.714 \\
0.0667 & 0.267 & 0.467 & 1 & 1 & 1 & 1 & 0.333 \\
0.0357 & 0.143 & 0.250 & 0.536 & 1 & 0.679 & 0.750 & 0.179 \\
0.0526 & 0.211 & 0.368 & 0.789 & 1 & 1 & 1 & 0.263 \\
0.0476 & 0.190 & 0.333 & 0.714 & 1 & 0.905 & 1 & 0.238 \\
0.2000 & 0.800 & 1 & 1 & 1 & 1 & 1 & 1
\end{pmatrix}$$

$$K(x,y) = \begin{pmatrix}
0.125 & 0.125 & 0.125 & 0.125 & 0.125 & 0.125 & 0.125 & 0.125 \\
0.0313 & 0.219 & 0.125 & 0.125 & 0.125 & 0.125 & 0.125 & 0.125 \\
0.0179 & 0.0714 & 0.321 & 0.125 & 0.125 & 0.125 & 0.125 & 0.0893 \\
0.00833 & 0.0333 & 0.0583 & 0.483 & 0.125 & 0.125 & 0.125 & 0.0417 \\
0.00446 & 0.0179 & 0.0313 & 0.0670 & 0.679 & 0.0848 & 0.0938 & 0.0223 \\
0.00658 & 0.0263 & 0.0461 & 0.0987 & 0.125 & 0.539 & 0.125 & 0.0329 \\
0.00595 & 0.0238 & 0.0417 & 0.0893 & 0.125 & 0.113 & 0.571 & 0.0298 \\
0.0250 & 0.100 & 0.125 & 0.125 & 0.125 & 0.125 & 0.125 & 0.250
\end{pmatrix}$$

Page	Line	From	To
3/17/06			
231	5 from b	$\mathbf{y} \in \mathcal{X}$	all subsets $\mathcal{S} \subseteq \mathcal{X}$
"	4 from b	$\left| K^{(j)}(\mathbf{x},\mathbf{y}) - \pi(\mathbf{y}) \right|$	$\left| \sum_{\mathbf{y} \in \mathcal{S}} \left[K^{(j)}(\mathbf{x},\mathbf{y}) - \pi(\mathbf{y}) \right] \right|$
232	7	$\mathbf{y} \in \mathcal{X}$	all subsets $\mathcal{S} \subseteq \mathcal{X}$
"	8	$\left| K^{(j)}(\mathbf{x},\mathbf{y}) - \pi(\mathbf{y}) \right|$	$\left| \sum_{\mathbf{y} \in \mathcal{S}} \left[K^{(j)}(\mathbf{x},\mathbf{y}) - \pi(\mathbf{y}) \right] \right|$
358	13	$(\mathbf{x},\mathbf{y}) \in \mathcal{X}^2$	$\mathbf{x} \in \mathcal{X}$ and all subsets $\mathcal{S} \subseteq \mathcal{X}$
"	14	$\left| K^{(j)}(\mathbf{x},\mathbf{y}) - \pi(\mathbf{y}) \right|$	$\left| \sum_{\mathbf{y} \in \mathcal{S}} \left[K^{(j)}(\mathbf{x},\mathbf{y}) - \pi(\mathbf{y}) \right] \right|$
"	19	$\left| K^{(j)}(\mathbf{x},\mathbf{y}) - \pi(\mathbf{y}) \right|$	$\max_{\mathcal{S} \subseteq \mathcal{X}} \left| \sum_{\mathbf{y} \in \mathcal{S}} \left[K^{(j)}(\mathbf{x},\mathbf{y}) - \pi(\mathbf{y}) \right] \right|$
371	8 from b	$\left| K^{(j)}(\mathbf{x},\mathbf{y}) - \pi(\mathbf{y}) \right|$	$\left| \sum_{\mathbf{y} \in \mathcal{S}} \left[K^{(j)}(\mathbf{x},\mathbf{y}) - \pi(\mathbf{y}) \right] \right|$
"	7 from b	$(\mathbf{x},\mathbf{y}) \in \mathcal{X}^2$	$\mathbf{x} \in \mathcal{X}$ and all subsets $\mathcal{S} \subseteq \mathcal{X}$
7/31/06			
31	3 from b.	$((2.2)$	(2.1)
32	14	$((2.2)$	(2.1)
78	5 from b.	$\beta \mathrm{e}^{-z/\beta}$	$\frac{1}{\beta}\mathrm{e}^{-z/\beta}$
246	13,15,16	L_{l^*}	J_{l^*}
246	14,16	$L_{l'}$	$J_{l'}$
2/12/07			
218	15	$\max\left(\frac{a-1}{a+b}\right)$	$\max\left(\frac{a-1}{a+b+2}\right)$
218	18	$\frac{A}{A-B} = 1.95$	$\frac{A(1+2B)}{A-B} = 2.01$
218	19	$\frac{1-A}{A-B} = 61$	$\frac{(1-A)(1+2B)}{A-B} = 62.8$

Page	Line	From	To
9/24/07			
39	Table 2.5	$\overline{\lambda}_n(\mathbf{p},\mathbf{p})$	$\overline{\lambda}_n(\mathbf{p},\mathbf{q})$
39	"	r.e.$(\overline{\lambda}_n(\mathbf{p},\mathbf{p}))$	r.e.$(\overline{\lambda}_n(\mathbf{p},\mathbf{q}))$
61	Ex. H.7	$g(x,y,z)$	$g(x,y)$
65	23	$(C_{i-1}-DV_i)(1+r)$	$(1+r)C_{i-1}-DV_i$
66	1	p	q
66	1	and	$r=0.10$, and
243	(6.69)	$N\sum_{i=1}^{I}\sum_{l=1}^{L}($	$N\left(\sum_{i=1}^{I}\sum_{l=1}^{L}\right.$
244	10-13	delete part of sentence starting with "assumes" and ending with "and"	
244	13	$\{\pi(\mathbf{x})\};$	an ergodic transition kernel that preserves row and column totals;
246	18	0.1636	0.8364
246	19	0.1682	0.8318
246	Table 6.4	0.1636	0.8364
246	Table 6.4	0.1682	0.8318