Please send any additional errata to williams@math.ucsd.edu

p. 34, line 9. “continuous” should be “right continuous”.

p. 35, line 5. Replace “$c_0 I_{\{0\} \times F_0}$” with “$\sum_{i=1}^{m} d_i I_{\{0\} \times F_{0i}}$”.

p. 35, lines 6-7. Replace “$c_0 \in \mathbb{R}$ and $F_0 \in \mathcal{F}_0$.” with “$d_i \in \mathbb{R}$ and $F_{0i} \in \mathcal{F}_0$ for $i = 1, \ldots, m$.”

p. 35, line 8. Insert “and $\{0\} \times F_{0i}$ for $1 \leq i \leq m$,” before “are disjoint.”

p. 36, line -5. The last term, involving $c_2^0$ should be replaced with $\sum_{i=1}^{d} d_i^2 \mu(\{0\} \times F_{0i})$.

p. 39, line -11: $Z_i^n$ should be $Z_i^{n+1}$.

p. 48, line 2: Insert $L^2$ before martingale.

p. 55, Exercise 6. Add to the assumptions that $W$ can be written as a countable union of sets in $\mathcal{H}$.

p. 56, Exercise 11. Replace the hint by the following. Hint: First prove (2.36) for an $\mathcal{R}$-simple $X$ and then use a monotone class argument to extend to $X \in \Lambda^2(\mathcal{P}, M)$.

p. 88, line 15: Replace “Lemma 4.4” with “Corollary 4.5” in this line.

p. 95, line -7: Delete closing parenthesis after $\frac{\partial f}{\partial y}$ in (5.5).

p. 97, line 7. “$V_{\wedge \tau_n}$” should read “$V_{\wedge \tau_n} 1_{\{\tau_n > 0\}}$”.

p. 115, line -4: $a \neq b$ should be assumed here.

p. 116, line 1: $r \neq R$ should be assumed here.

p. 137, line 5: “partial” can be omitted.

p. 144, Figure 7.3. $\frac{1}{2\epsilon}$ should be $\frac{1}{2\epsilon}$ in the label on the vertical axis.

p. 201, line 10. Insert $\int_0^t$ after $\sum_{i=1}^{d}$.

p. 209, line -6. “$X_{t \wedge \tau_n} = n$” should be “$X_{t \wedge \tau_n} \geq n$”.

p. 225, line 5. To see that $f$ is Lebesgue integrable on $[0, T]$, note that $Y_t - Z_t$ is the sum of a continuous $L^2$-martingale (cf. (10.8)) and a continuous bounded adapted process for $t \in [0, T]$. 


p. 226, lines 6, 7. Replace $E[||\sigma(X_0)||^2]$ with $C_\sigma$ where $C_\sigma$ is a constant depending on the bound for $\sigma$.

p. 237, line 1 and (10.39). “$||f|| + 1$” should be in the denominator, not the numerator.

p. 241, line -1. Delete the second $B$ in $\bar{BB}$.

p. 242, in (10.45), $M_{\tau^+}$ should be $M_{\tau^+}$.

p. 250, line -11. Insert “For the remainder of this section, assume that $\sigma$ is bounded.”

p. 252, lines 15-16: Delete “By symmetry this is equivalent to considering $\alpha \leq -1$ for $x \in (-\infty, 0)$.”

p. 255, lines 1-3: Replace “for $\alpha < 1$, the process may pass continuously through to $(-\infty, 0)$; and for $-1 < \alpha < 1$, a combination of these behaviors is possible” with “and for $-1 < \alpha < 1$, the process may partially reflect back in to $(0, \infty)$ and partially pass continuously into $(-\infty, 0)$ (skew reflection). For $\alpha \leq -1$, the process must absorb at the origin, as it cannot continuously leave there in a manner consistent with the behavior in (10.52) away from the origin.”

p. 262, Exercise 4: Assume $\sigma$ is bounded for this Exercise (so that a martingale rather than a local martingale property can be established).

p. 263, Exercise 5. “Section 10.3” here should read “Section 10.2”.

p. 263, Exercise 7. The exercise is correct as written if $r = 0$ and $\mu = 0$. For non-zero $r$ or $\mu$, in the statement of the Theorem, replace $P$ with $\tilde{P}$ and $B$ with $\tilde{B}$. Then $a_t$ should be defined by $a_t = X_t/(\sigma \exp(r(T - t))S_t)$. 