

Errata of

M. Hino, K. Matsuura, and M. Yonezawa: Pathwise uniqueness and non-explosion property of Skorohod SDEs with a class of non-Lipschitz coefficients and non-smooth domains, J. Theoret. Probab. **34** (2021), 2166–2191.

	Error	Correction
p. 2184, l. 8	$ X _s^t \leq \dots$	$ X - W _t^s \leq \dots$
p. 2185, ll. -4--3	$\tilde{l}_1 = \inf\{k \geq 0 \mid n_k^{(\infty)} \in \mathbb{N}\} \wedge T,$ $\tilde{l}_{j+1} = \inf\{k > l_j \mid n_k^{(\infty)} \in \mathbb{N}\} \wedge T, \quad j \in \mathbb{N}.$	$\tilde{l}_1 = \inf\{k \geq 0 \mid n_k^{(\infty)} \in \mathbb{N}\},$ $\tilde{l}_{j+1} = \inf\{k > \tilde{l}_j \mid n_k^{(\infty)} \in \mathbb{N}\}, \quad j \in \mathbb{N}.$
p. 2185, l. -1	$l_j = \begin{cases} \tilde{l}_j & \text{if } \tau_{\tilde{l}_{j+1}}^{(\infty)} < \kappa_\infty \\ T & \text{if } \tau_{\tilde{l}_{j+1}}^{(\infty)} = \kappa_\infty, \end{cases} \quad j \in \mathbb{N}.$	$l_j = \begin{cases} \tilde{l}_j & \text{if } \tau_{\tilde{l}_{j+1}}^{(\infty)} < \kappa_\infty \\ \infty & \text{if } \tau_{\tilde{l}_{j+1}}^{(\infty)} = \kappa_\infty, \end{cases} \quad j \in \mathbb{N}.$
p. 2186, l. 3	$B_j = \{l_j < T\}$	$B_j = \{l_j < \infty\}$
p. 2186, l. 4	$\tilde{B}_j = \{\tilde{l}_j < T\}$	$\tilde{B}_j = \{\tilde{l}_j < \infty\}$
p. 2186, l. 5	Note that...	Here, $n_\infty = \infty$ by convention. Note that...
p. 2186, ll. -6--5	$\{n_{l_j} = n\}$ (two places)	$\{n_{\tilde{l}_j} = n\}$
p. 2188, l. 4	$ X _{t_{k+1}}^{t_k} \leq \dots$	$ X - W _{t_{k+1}}^{t_k} \leq \dots$
p. 2188, l. 6	$ X _{(\tau_j+1/j) \wedge \tau_{j+1}}^{\tau_j} \leq \sum_{k=0}^{N-1} X _{t_{k+1}}^{t_k} \leq Ncj^{-\nu/2}$	$ X - W _{(\tau_j+1/j) \wedge \tau_{j+1}}^{\tau_j} \leq \sum_{k=0}^{N-1} X - W _{t_{k+1}}^{t_k} \leq Ncj^{-\nu/2}$
p. 2188, ll. 8-9	For sufficiently large j (say, greater than or equal to $j_1 = j_1(\omega) \geq j_0(\omega)$), $c(1 + \hat{\delta}^{-1})j^{-\nu/2} < 1 - \hat{\beta}$.	On the other hand, from (4.5), $ W((\tau_j + 1/j) \wedge \tau_{j+1}) - W(\tau_j) $ $\leq M_{n_j}^{1/2} \{((\tau_j + 1/j) \wedge \tau_{j+1}) - \tau_j\}^{\nu/2}$ $\leq C\delta_{n_j}^{\nu/2} j^{-\nu/2}$ $\leq C\hat{\delta}^{\nu/2-1} \delta_{n_j} j^{-\nu/2}.$
		Therefore, $ X((\tau_j + 1/j) \wedge \tau_{j+1}) - X(\tau_j) $ $\leq \{c(1 + \hat{\delta}^{-1}) + C\hat{\delta}^{\nu/2-1}\} \delta_{n_j} j^{-\nu/2}.$
		For sufficiently large j (say, greater than or equal to $j_1 = j_1(\omega) \geq j_0(\omega)$), $\{c(1 + \hat{\delta}^{-1}) + C\hat{\delta}^{\nu/2-1}\} j^{-\nu/2} < 1 - \hat{\beta}$.
p. 2190, l. 10	$E[\varphi(X(\tau_{k+1}^{(R)}) - X(\tau_k^{(R)}) ^2, X(\tau_k^{(R)}) ^2) : A_k^{(R)}] \leq T + 2M.$	$E\left[\frac{1}{2} \int_{ X(\tau_k^{(R)}) ^2}^{ X(\tau_{k+1}^{(R)}) ^2} \frac{1}{\gamma(s)} ds : A_k^{(R)}\right] \leq$ $E[\varphi(X(\tau_{k+1}^{(R)}) - X(\tau_k^{(R)}) ^2, X(\tau_k^{(R)}) ^2) : A_k^{(R)}] \leq T + 2M.$