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CORRECTION

Correction: Correction to: A third representation of Feynman–Kac–Itô formula with singular magnetic vector potential

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Correction to: Letters in Mathematical Physics (2021) 111:33 https://doi.org/10.1007/s11005-021-01376-3

The publication of this article unfortunately contained a mistake. In the last sentence before the Acknowledgements, R^d must be changed into R. Please see below the corrected sentence:

Since $(0 \leq) \sup_{t \leq t'}(\psi_{c,m}(T)(t) - \psi_{c,0}(T)(t)) \to 0$ as $m \downarrow 0$ $\nu^{\Psi_{c,0}}$-a.s. for any $t' \in [0, \infty)$ [14, Proposition 4.2], the following convergence can be shown without $\mathrm{div} A \in L^1_{\mathrm{loc}}(\mathbf{R}^d;\mathbf{R})$ by the Lebesgue dominated convergence theorem and the estimate (3.1) in Proposition 3.1:

[Theorem II] If $A \in L^2_{\mathrm{loc}}(\mathbf{R}^d;\mathbf{R}^d)$, then for a fixed $c > 0$, $e^{-t\Psi_{c,m}(H_A)}$ converges to $e^{-t\Psi_{c,0}(H_A)}$ in $L^2(\mathbf{R}^d)$ as $m \downarrow 0$, uniformly on every finite bounded interval in $t \geq 0$.

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