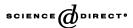
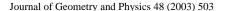


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Erratum

Erratum to "Quantum diffusion on manifolds" [J. Geom. Phys. 47 (2003) 484–496][☆]

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(1) Eq. (2.1): replace summation term by w^{i} . In Eq. (2.1) add the following equation:

$$w^{\mathbf{i}} = \sum_{I} \sigma^{\mathbf{i}}_{I}(X^{\mathbf{i}}_{t}) \, \mathrm{d}W^{I}_{t}.$$

- (2) In the remainder of the sentence following Eq. (2.1), following "... satisfying" the left hand side of the in-text equation has a factor missing; instead the left hand side should read $dW^I dW^J$.
- (3) Interchange the 'x', 't' arguments on the left hand sides of Eqs. (2.2) and (2.3).
- (4) Eq. (2.9): in the summation on the left hand side, some of the indices should be capitalised; thus the summation term should read

$$\sum_I \sigma_I^{\mathbf{i}} \, \mathrm{d} W^I.$$

(5) Paragraph above Eq. (4.2), the in-text equation immediately following "Adapting the argument of Nelson . . ." has a factor missing in the third term of the right hand side; instead the third term should read (the sign is correct)

$$\frac{1}{2}\delta^{jl}\partial_k\Gamma^i_{il}\mathcal{W}^k$$
.

(6) Line above Eq. (5.3), the quantity in brackets on the right hand side of the in-text equation should be a column vector with components ψ , $-\tilde{\psi}$.

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