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Erratum

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

Timothy R. Field

QinetiQ, Malvern Technology Park, St. Andrews Road, Malvern WR14 3PS, UK

- (1) Eq. (2.1): replace summation term by w^i .

In Eq. (2.1) add the following equation:

$$w^i = \sum_I \sigma_I^i(X_t^i) dW_t^I.$$

- (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

$$\sum_I \sigma_I^i dW^I.$$

- (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)

$$\frac{1}{2} \delta^{jl} \partial_k \Gamma_{jl}^i \mathcal{W}^k.$$

- (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 $\psi, -\tilde{\psi}$.

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E-mail address: trfield@qinetiq.com (T.R. Field).