Geometrical Methods of Mathematical Physics, B. Schutz (Cambridge University Press): Errata

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23rd May 2018

These errata have not been reviewed by the author nor the editor and I may have made some mistakes. Colors red and blue are respectively used to highlight the error and its correction (if necessary).

18/05/2014

- p. 25 (fig. 2.3): $f(V) \to g(V)$
- p. 46 (eq. 2.12): $\varepsilon^2 [\bar{V}, \bar{W}] \to \varepsilon^2 [\bar{V}, \bar{W}] x^i|_P$
- p. 61 (eq. 2.35): $\tilde{\omega}^k \to \tilde{\omega}^{k'}$
- p. 70 (§2): "a displacement $\mathrm{d}\lambda$" $\to \mathrm{d}\bar{x}$
- p. 71 (eq. 2.68): $\eta_{\alpha\beta} \bar{V}^\alpha \bar{V}^\beta \to \eta_{\alpha\beta} \bar{V}^\alpha \bar{W}^\beta$
- p. 77 (§1): $\bar{U}^*(\lambda_0 + \Delta\lambda) = \bar{U}(\lambda_0 + \Delta\lambda) \to \bar{U}^*(\lambda_0) = \bar{U}(\lambda_0 + \Delta\lambda)$ (thanks to Michael Drumheller)
- p. 100 (item iv): "(...) can have $\frac{1}{2} n(n-1)$ arbitrary complex (...) elements (given by $n(n-1)$ real elements)" $\to$ "(...) can have $n(n-1)$ arbitrary complex (...) elements (given by $\frac{1}{2} n(n-1)$ real elements)"
- p. 101 (sec. 3.16): "since very vector" $\to$ every
- p. 132 (before sec. 4.13): $\bar{a} \cdot (\bar{b} \cdot \bar{c}) \to \bar{a} \cdot (\bar{b} \times \bar{c})$

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