

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

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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).

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

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