

| Page | Location | It says | Replace by |
|------|---|--|---|
| 9 | Exercise 1.1 | a world-line must be a cross section, that is, it cannot be anywhere | a world-line cannot be anywhere |
| 11 | Line 17 | in the equivalence | in the equivalence class |
| 12 | Line 5 | (a sticker, say) | (in a sticker, say) |
| 84 | Line 1 from bottom | is compact if it is Hausdorff and if every covering | if every covering |
| 85 | Line 1 | A compact set is necessarily closed. | A compact subset of a Hausdorff space is necessarily closed |
| 93 | Eq. 4.14 (after the second “equal” sign | $\left(\frac{\partial(\mathcal{F} \circ \gamma)}{\partial x^i}\right)_{\phi(p)}$ | $\left(\frac{\partial(\mathcal{F} \circ \phi^{-1})}{\partial x^i}\right)_{\phi(p)}$ |
| 104 | Eq. 4.60 | $\mathbf{L} = L^{ij} \mathbf{e}_i \otimes \mathbf{E}_j.$ | $\mathbf{L} = L_j^i \mathbf{e}_i \otimes \mathbf{E}^j.$ |
| 104 | After Eq. 4.60 | the matrix $[L^{ij}]$ | the matrix $[L_j^i]$ |
| 258 | Eq. 9.64 | Γ_{kj}^i | Γ_{jk}^i |
| 282 | Eq. A.25 | $\frac{D\Psi}{\partial t}$ | $\frac{D\Psi}{Dt}$ |
| 282 | Eq. A26 | $\kappa_0 = \kappa_1 \circ \lambda$ | $\chi_0 = \chi_1 \circ \lambda$ |
| 284 | Line 3 after Eq. A34 | would become a material time derivative | could be suggestively, if somewhat inaccurately, denoted by |
| 285 | Eq. A41 (twice) | $\frac{\partial g}{\partial t}$ | $\frac{\partial g}{\partial t}$ |
| 285 | Eq. A42 | $\frac{\partial g}{\partial t}$ | $\frac{\partial g}{\partial t}$ |