Errata of the book

"Analysis and Algebra on Differentiable Manifolds. A Workbook for Students and Teachers."

2nd edn. Springer, London, 2013.

- Page 193, line 6 from bottom: "diag$(1,1,0)$" should read "diag$(1,1,1)$"
- Page 316, Problem 5.48, part (i): The geodesics $x = x_0$, $y = At + y_0$, are missing. Accordingly, the answer to part (iv) is *yes*.
- Page 528, line 2: "$X_1 = \left(1-\frac{2m}{\rho}\right)^{\frac{1}{2}}$" should read "$X_1 = \left(1-\frac{2m}{\rho}\right)^{-\frac{1}{2}}$"
- Page 528, line 2: "$X_2 = \left(1-\frac{2m}{\rho}\right)^{-\frac{1}{2}}$" should read "$X_2 = \left(1-\frac{2m}{\rho}\right)^{\frac{1}{2}}$"
- Page 528, line 7: "$\tilde{\theta}_1 = \left(1-\frac{2m}{\rho}\right)^{\frac{1}{2}}\mathrm{d}t$" s.r. "$\tilde{\theta}_1 = -\left(1-\frac{2m}{\rho}\right)^{\frac{1}{2}}\mathrm{d}t$"
- Page 547, lines 2,1 from bottom: "S^{n+1}" should read "S^n"
- Page 567, line 10 from bottom: "Covariant derivative of a $(0,r)$ tensor field Ψ:" should read "∇ a torsionfree linear connection. Covariant derivative of a $(0,r)$ tensor field Ψ:"
- Page 568, line 6 from bottom: the left-hand side "$\tau_{ij;k}$" should read "$\tau_{jk;i}$"
- Page 592, line 5: "$\sum_{i=1}^n \theta^i(\nabla_{e_i} Z)$" should read "$\sum_{i=1}^n \theta^i(\nabla_{e_i} X)$"
- Page 592, line 9: "$\sqrt{\det(g_{jk})X^i}$" should read "$\sqrt{\det(g_{jk})}X^i$"
- Page 592, line 11: "$(\operatorname{div}\alpha)_p(v_1,\ldots,v_r)$" s.r. "$(\operatorname{div}\alpha)_p(v_1,\ldots,v_{r-1})$"
- Page 597, line 1 from bottom: "$-\frac{c}{4}$" should read "$+\frac{c}{4}$"

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