

ERRATA FOR “MODERN CLASSICAL PHYSICS”

The following is the list of errata for Thorne & Blandford, *Modern Classical Physics*, as of 12 August 2017.

Main Book

throughout. The text is inconsistent concerning whether “Ohmic” is capitalized.

p. 532, line 2. “Boris Yakovovich Zel’dovich” should be “Boris Yakovlevich Zel’dovich.”

p. 195, 2nd line after Eq. (4.47b). The word “environoment” should be “environment.”

References

p. 1461. In the “Levin, J., and G. Perez-Giz” entry, delete “–103023.”

Name Index

p. 1474. In the “Langmuir, Irving” entry, “1044” should be “1044n.”

p. 1474. In the “Penzias, Arno” entry, “1363” should be deleted.

p. 1475. “Starobinsky, Alexei Aexandrovich” should be “Starobinsky, Alexei Alexandrovich.”

p. 1475. “Whitehorse, R. N.” should be “Whitehurst, R. N.”

p. 1475. In the “Wilson, Robert” entry, “1363” should be deleted.

Subject Index

- p. 1479.** In the “birefringent crystals” entry, add “547n.”
- p. 1481.** In the “catastrophe theory: five elementary catastrophes: hyperbolic umbilic catastrophe” entry, “389–390” should be “390–392.”
- p. 1481.** In the “Clausius-Clapeyron equation” entry, “254–256” should be “254–255.”
- p. 1483.** In the “cosmological constant: as energy density and negative pressure” entry, “1282–1383” should be “1282–1283.”
- p. 1485.** In the “elastodynamic waves in a homogeneous, isotropic medium: decomposition into longitudinal and transverse” entry, “636f” should be “637f.”
- p. 1493.** In the “Heaviside Green’s functions” entry, “660b” should be “660f.”
- p. 1493.** In the “holography: secondary (phase conjugated) wave and image” entry, “525b” should be “525f.”
- p. 1494.** In the “inflation field: potential for” entry, “1436b” should be “1436f.”
- p. 1494.** In the “inflation field: evolution of” entry, “1436b” should be “1436f.”
- p. 1495.** In the “Jupiter” entry, “801” should be “801b.”
- p. 1495.** In the “KDP nonlinear crystal” entry, “1141” should be “1141b.”
- p. 1495.** In the “KTP nonlinear crystal” entry, “542” should be “542b.”
- p. 1497.** In the “Magnetosphere: Alfvén waves” entry, “370” should be “370f.”
- p. 1497.** In the “Mathematica” entry, “129n” should be “129.”
- p. 1497.** In the “Matlab” entry, “129n” should be “129.”
- p. 1498.** In the “National Ignition Facility” entry, “1141” should be “1141b.”
- p. 1501.** The “physical laws: frameworks and arenas for” entry should be indented like the “geometric formulation of” entry below it.
- p. 1501.** In the “plasmas: summary in density-temperature plane” entry, “999” should be “999f.”
- p. 1501.** In the “Poisson distribution” entry, “505” should be “505n.”
- p. 1502.** In the “rarefaction wave” entry, “895–896” should be “895f, 896.”
- p. 1503.** In the “Rayleigh scattering” entry, “471” should be “471b.”
- p. 1505.** In the “solar wind: two-stream instability in” entry, “1066–1077” should be “1066–1067.”

- p. 1505.** In the “spacetime metrics for specific systems: Robertson-Walker . . .” entry, “1371” should be “1371n.”
- p. 1507.** In the “tensor in spacetime: components of: raising and lowering indices” entry, “1164” should be “1165.”
- p. 1510.** In the “vortex: starting vortex” entry, “825b” should be “825f.”