

## ERRATA FOR “MODERN CLASSICAL PHYSICS”

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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.”