References for Forward Modeling: Waves and Rays

Born, M., and E. Wolf, *Principles of Optics* – Electromagnetic Theory of Propagation, Interference, and Diffraction of Light, Pergamon Press, Oxford, 1980, pp. xxi-xii, 112, 128–130, 719, 732, 740, 742 (Fermat's principle); pp. 112, 724–725 (Hamilton-Jacobi theory).

Dashen, R., "Path integrals for waves in random media," *J. Math. Physics* **20**, 894–920 (1979).

Feynman, R. P., "Space-time approach to non-relativisitc quantum mechanics," *Rev. Modern Physics* **20**, 367–387 (1948).

Feynman, R. P., and A. R. Hibbs, *Quantum Mechanics and Path Integrals*, McGraw-Hill, New York, 1965.

Feynman, R. P., R. B. Leighton, and M. Sands, *The Feynman Lectures on Physics*, Addison-Wesley, Reading, Massachusetts, 1963, Volume I, Chapter 26 (Fermat's principle), and Volume II, Chapter 19 (principle of least action).

Goldstein, H., *Classical Mechanics*, Addison-Wesley, Reading, Massachusetts, 1950, Chapter 9 (Hamilton-Jacobi theory).

Jenkins, F. A., and H. E. White, *Fundamentals of Optics*, McGraw-Hill, New York, 1957, Chapter 1.

Keller, J. B., and D. W. McLaughlin, "The Feynman Integral," *Amer. Math. Monthly* **82**, 451–465 (1975).

Whitham, G. B., *Linear and Nonlinear Waves*, Wiley, New York, 1974, Chapter 7, especially section 7.8 on nonhomogeous media.