

BIBLIOGRAPHY FOR CHAPTER 8

- Christensen, S. M. (1976) Vacuum expectation value of the stress tensor in an arbitrary curved background: The covariant point-separation method, *Phys. Rev. D* **14**, 2490–2501.
- Christensen, S. M., & Parker, L. (1989) [See Parker & Christensen (1991).]
- DeWitt, B. S. (1965) *The Dynamical Theory of Groups and Fields*, Gordon and Breach, New York.
- Drager, L. D. (1978) *On the Intrinsic Symbol Calculus for Pseudo-Differential Operators on Manifolds*, Ph.D. dissertation, Brandeis University.
- Friedlander, F. G. (1975) *The Wave Equation on a Curved Space-Time*, Cambridge University Press.
- Fulling, S. A. (1989) [See Fulling (1990).]
- Fulling, S. A. (1990) The analytic approach to recursion relations, *J. Symbolic Comput.* **9**, 73–85 (1990).
- Fulling, S. A., & Kennedy, G. (1988) The resolvent parametrix of the general elliptic linear differential operator: A closed form for the intrinsic symbol, *Transac. Amer. Math. Soc.* **310**, 583–617.
- Garabedian, P. R. (1964) *Partial Differential Equations*, Wiley, New York.
- Hadamard, J. (1952) *Lectures on Cauchy's Problem in Linear Differential Equations*, Dover, New York.
- Harary, F. (1969) *Graph Theory*, Addison–Wesley, Reading, Mass.
- Messiah, A. (1961) *Quantum Mechanics*, Vols. 1–2, North-Holland, Amsterdam.
- Parker, L. (1979) Aspects of quantum field theory in curved spacetime: Effective action and energy-momentum tensor, *Recent Developments in Gravitation: Cargèse 1978*, ed. by M. Lévy and S. Deser, Plenum, New York, pp. 219–273.
- Parker, L., & Christensen, S. M. (1991) *MathTensor: A System for Doing Tensor Analysis by Computer*, MathSolutions, Chapel Hill, N.C.
- Rodionov, A. Ya., & Taranov, A. Yu. (1987) Computation of covariant derivatives of the geodetic interval with coincident arguments, *Class. Quantum Grav.* **4**, 1767–1775.
- Schimming, R. (1981) Lineare Differentialoperatoren zweiter Ordnung mit metrischem Hauptteil und die Methode der Koinzidenzwerte in der Riemannschen Geometrie, *Beitr. Anal.* **15**, 77–91.

- Schutz, B. F. (1985) *A First Course in General Relativity*, Cambridge University Press.
- Synge, J. L. (1960) *Relativity: The General Theory*, North-Holland, Amsterdam.
- Whitehead, J. H. C. (1932) Convex regions in the geometry of paths, *Quart. J. Math. (Oxford)* **3**, 33–42.
- Widom, H. (1980) A complete symbolic calculus for pseudodifferential operators, *Bull. Sci. Math.* **104**, 19–63.