References

[1] M. F. Atiyah. *K-Theory*. Lecture notes by D. W. Anderson. W. A. Benjamin, Inc., New York-Amsterdam, 1967.

[2] M. F. Atiyah and I. M. Singer. *The index of elliptic operators on compact manifolds.* Bull. Amer. Math. Soc. **69** (1963), 422–433.

[3] M. F. Atiyah and I. M. Singer. *The index of elliptic operators.* I. Ann. of Math. (2), **87** (1968), 484–530.

[4] Beals, R.: Characterization of pseudodifferential operators and applications, *Duke Math. Journal* **44**, 45–57 (1977), *ibid.* **46**, p. 215 (1979).

[5] N. Berline, E. Getzler, and M. Vergne. *Heat kernels and Dirac operators.* Grundlehren Text Editions. Springer-Verlag, Berlin, 2004. Corrected reprint of the 1992 original.

[6] M. do Carmo. *Riemannian Geometry.* Birkhäuser, Boston 1992.

[7] A. Douady. Un espace de Banach dont le groupe linéaire n'est pas connexe. *Indag. Math.*, 27:789–789, 1965.

[8] B. V. Fedosov. *Index theorems.* In *Partial differential equations.* VIII, 155–251, Encyclopaedia Math. Sci., 65, Springer, Berlin, 1996.

[9] P. B. Gilkey. *Invariance Theory, the Heat Equation, and the Atiyah-Singer Index Theorem.* Publish or Perish, Wilmington, Del., 1984.

[10] F. Hirzebruch. Arithmetic genera and the theorem of Riemann-Roch for algebraic varieties. *Proc. Nat. Acad. Sci. U. S. A.*, 40:110–114, 1954.

[11] L. Hörmander. *The Analysis of Linear Partial Differential Operators III* Classics in Mathematics. Springer, Berlin, 2007.

[12] I. Hwang. The L^2-boundedness of pseudodifferential operators. Trans. Amer. Math. Soc., **302**:55–76 (1987).

[13] J. J. Kohn and L. Nirenberg. An algebra of pseudo-differential operators. *Comm. Pure Appl. Math.* **18** (1965), 269–305.

[14] H. Kumano-go. *Pseudo-differential operators.* The MIT-Press, Cambridge, Mass. 1982.

[15] G. Landweber. K-theory and elliptic operators. arXiv:0504555, 2005.

[16] H.B. Lawson, M.-L. Michelsohn. *Spin Geometry.* Princeton University Press, Princeton NJ 1989.

[17] W. Rudin. *Functional Analysis.* Second Edition. McGraw-Hill, Inc., New York, 1991.

[18] H. Schröder. *Funktionalanalysis.* 2. Auflage. Verlag Harry Deutsch, 2000.

[19] E. Schrohe. Boundedness and spectral invariance for standard pseudodifferential operators on anisotropically weighted L^p-Sobolev spaces, *Integral Equations OperatorTheory* **13**:271 – 284 (1990).

[20] M.A. Shubin *Pseudodifferential operators and spectral theory.* Translated from the 1978 Russian original by Stig I. Andersson. Second edition. Springer-Verlag, Berlin, 2001

[21] M. Taylor. *Partial Differential Equations* I. Basic theory. Applied Mathematical Sciences, 115. Springer-Verlag, New York, 1996.

[22] M. Taylor. *Partial Differential Equations* II. Qualitative studies of linear equations. Applied Mathematical Sciences, 116. Springer-Verlag, New York, 1996.