

Bibliography

- [Con94] A. Connes, *Noncommutative geometry*, Academic Press, Inc., San Diego, CA, 1994.
- [Con85] A. Connes, *Noncommutative differential geometry*, Inst. Hautes Etudes Sci. Publ. Math. **62** (1985), 257–360.
- [Con86] A. Connes, *Cyclic cohomology and the transverse fundamental class of a foliation*, in Geometric methods in operator algebras (Kyoto, 1983), 52–144, Pitman Res. Notes Math. Ser. 123, Longman Sci. Tech., Harlow, 1986.
- [CMR07] J. Cuntz, R. Meyer, J. Rosenberg, *Topological and bivariant K-theory*, Oberwolfach Seminars, 36. Birkhäuser Verlag, Basel, 2007.
- [GI03] V. Georgescu, A. Iftimovici, *C^* -algebras of quantum Hamiltonians*, in Operator Algebras and Mathematical Physics, Conference Proceedings: Constanța (Romania) July 2001, 123–167, Theta Foundation, 2003.
- [GVF01] J. Gracia-Bondía, J. Várilly, H. Figueroa, *Elements of noncommutative geometry*, Birkhäuser Advanced Texts, Birkhäuser Boston, Inc., Boston, MA, 2001.
- [Kha13] M. Khalkhali, *Basic noncommutative geometry*, second edition, EMS Series of Lectures in Mathematics, European Mathematical Society (EMS), Zürich, 2013.
- [KS04] J. Kellendonk, H. Schulz-Baldes, *Boundary maps for C^* -crossed products with \mathbb{R} with an application to the quantum Hall effect*, Comm. Math. Phys. **249** no. 3 (2004), 611–637.
- [MN08] H. Moriyoshi, T. Natsume, *Operator algebras and geometry*, Translations of Mathematical Monographs **237**, American Mathematical Society, Providence, RI, 2008.
- [Mur90] G.J. Murphy, *C^* -algebras and operator theory*, Academic Press, Inc., Boston, MA, 1990.
- [Ped89] G. Pedersen, *Analysis now*, Graduate Texts in Mathematics, 118, Springer-Verlag, New York, 1989.

- [Ric15] S. Richard, *Levinson's theorem: an index theorem in scattering theory*, to appear in the Proceedings of the Conference Spectral Theory and Mathematical Physics, Santiago 2014, Operator Theory Advances and Application, Birkhäuser.
- [RLL00] M. Rørdam, F. Larsen, N. Laustsen, *An introduction to K-theory for C*-algebras*, London Mathematical Society Student Texts **49**, Cambridge University Press, Cambridge, 2000.
- [Yos65] K. Yosida, *Functional analysis*, Die Grundlehren der Mathematischen Wissenschaften **123**, Academic Press, Inc., New York; Springer-Verlag, Berlin 1965.
- [W-O93] N.E. Wegge-Olsen, *K-theory and C*-algebras, a friendly approach*, Oxford Science Publications. The Clarendon Press, Oxford University Press, New York, 1993.