

# Bibliography

- [Amr] W.O. Amrein, *Hilbert space methods in quantum mechanics*, Fundamental Sciences. EPFL Press, Lausanne; distributed by CRC Press, Boca Raton, FL, 2009.
- [ABG] W.O. Amrein, A. Boutet de Monvel, V. Georgescu,  *$\mathcal{C}_0$ -groups, commutator methods and spectral theory of  $N$ -body Hamiltonians*, Birkhäuser, Basel, 1996.
- [BM] H. Baumgärtel, M. Wollenberg, *Mathematical scattering theory*, Birkhäuser verlag, Basel, 1983.
- [BDG] L. Bruneau, J. Dereziński, V. Georgescu, *Homogeneous Schrödinger operators on half-line*, Ann. Henri Poincaré **12** no. 3 (2011), 547–590.
- [DR] J. Dereziński, S. Richard, *On almost homogeneous Schrödinger operators*, Preprint arXiv:1604.03340.
- [Kat] T. Kato, *Perturbation theory for linear operators*, Classics in mathematics, Springer, 1995.
- [Mur] G.J. Murphy,  *$C^*$ -algebras and operator theory*, Academic Press, Inc., Boston, MA, 1990.
- [Ped] G. Pedersen, *Analysis now*, Graduate texts in mathematics 118, Springer, 1989.
- [RS3] M. Reed, B. Simon, *Methods of modern mathematical physics III: scattering theory*, Academic Press, Inc., 1979.
- [RS4] M. Reed, B. Simon, *Methods of modern mathematical physics IV: analysis of operators*, Academic Press, Inc., 1978.
- [Ric] S. Richard, *Levinson's theorem: an index theorem in scattering theory*, in Proceedings of the Conference Spectral Theory and Mathematical Physics, Santiago 2014, Operator Theory Advances and Applications 254, 149–203, Birkhuser, 2016.
- [Tes] G. Teschl, *Mathematical methods in quantum mechanics, with applications to Schrödinger operators*, Graduate Studies in Mathematics 99, American Mathematical Society, Providence, RI, 2009.

- [Yaf] D.R. Yafaev, *Mathematical scattering theory. General theory*, Translations of Mathematical Monographs **105**, American Mathematical Society, Providence, RI, 1992.