

# Admissibility of observation operators

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This presentation contains a survey of selected papers on admissibility of observation operators as well as new results concerning the Weiss conjecture. The results are illustrated by some comparative examples.

References:

- Jacob B., Partington J.R. *Admissibility of Control and Observation Operators for Semigroups: A Survey.* In (EDS.) BALL J. ET AL., Current trends in operator theory and its applications. *Proceedings of the international workshop on operator theory and its applications (IWOTA), Virginia Tech, Blacksburg, VA, USA, August 6–9, 2002.* Operator Theory: Advances and Applications, **149** (2004), pp. 199-221 Birkhäuser Verlag: Basel.
- Grabowski P. *Podstawy teorii sterowania w problemach i zadaniach*, Wydawnictwo AGH: Kraków, 2022.
- Tucsnak M. and Weiss G. *Observation and Control for Operator Semigroups*, Birkhäuser: Basel, 2000.