



The Structure of Normcompact Operator Semigroups

P. Hermle¹

Operator semigroups play an important role in the asymptotic analysis of dynamical systems. One crucial structure theorem about weak resp. strong compact operator semigroups is the theorem of Jacobs-de Leeuw-Glicksberg. In the talk we will specify this theorem for operator semigroups, which are compact regarding the norm topology. Furthermore, we discuss which proposition an operator on a Banach space has to fulfill so that the generated monothetic semigroup is compact.

¹Bergische Universität Wuppertal, Wuppertal, Germany. Email: patrick.hermle@uni-wuppertal.de