What does a rate in a mean ergodic theorem imply?

ALEXANDER GOMILKO AND YURI TOMILOV

Abstract. We develop a general framework for the inverse mean ergodic theorems with rates for operator semigroups, thus completing a construction in the theory initiated in [17] and [18].

Mathematics Subject Classification (2010): 47A60 (primary); 47A35, 47D03 (secondary).