1018-37-164   **Nicolai T A Haydn*** (`nhaydn@math.usc.edu`), Deparment of Mathematics, University of Southern California, Los Angeles, CA 90089. *The convergence of the transfer operator for parabolic maps.*

We show that the speed of the convergence of the transfer operatore for sigma finite measures for parabolic maps on the interval is algebraic. The rate of convergence depends on the degree of intermittency of the map and the 'vanishing order' of the iterated function. We also prove similar convergence rates for the Hilbertmetric on intervals away from the parabolic point. This is joint work with Huyi Hu. (Received March 05, 2006)