

Long-time behaviour of evolution equations: global and exponential attractors Abstract

M. Efendiev (University of München)

October 28, 2006

In my talk I will consider the long-time behaviour of the solutions of equations of mathematical physics. As we will see that in spite of the deterministic nature of such equations their long-time behaviour will be very complex. We will describe such a limiting behaviour in term of global attractor. We will discuss the dimension of global and exponential attractors as well.