

# Spectra of Groups, Graphs and Amenability

Rostislav Grigorchuk  
grigorch@math.tamu.edu  
*Department of Mathematics*  
*Texas A&M University*  
*College Station, TX 77843-3368*  
*USA*

## **Abstract**

We will give a survey of development of amenability in past five decades playing a special attention to such topics as spectra of groups and graphs. Some multidimensional dynamical systems will be involved in the discussion as well.