

Descriptive set theory and classification problems in C*-algebra theory

May 12th, 2012

NSF/CBMS Regional Conference in the Mathematical Sciences
(University of Louisiana at Lafayette)

I will introduce descriptive set theory and explain how it offers a framework to study and compare the complexity of different classification problems, and provides tools to obtain classification and non-classification results in C*-algebra theory. No specific background in set theory will be assumed.