

Mathematical Colloquia

Monday, 09 December 2024

17:15 h, lecture room B6 (ExWi)

Prof. Dr. Guofang Wang, Universität Freiburg

The logarithmic Sobolev inequality and the ABP method

Abstract : The logarithmic Sobolev inequality has several equivalent forms and play an important role many mathematical fields.

It has at least more 15 different proofs. We will talk about a new proof by using the ABP method, which is a non-compact modification of Brendle's. In the talk we will show the flexibility of this method.