Atelier
« Nouvelles approches en théorie probabiliste et multiplicative des nombres »
08-12 décembre 2014

Workshop
"New approaches in probabilistic and multiplicative number theory"
December 08–12, 2014

The distribution of friable integers is definitely not smooth

Régis de la Bretèche[*]

breteche@math.jussieu.fr

In a joint work with Gérald Tenenbaum, we develop a new method to count friable integers. This improves on Ennola's results and also on previously known saddle-points estimates. This study shows that the distribution of friable integers is definitely not smooth!

[*]Institut de Mathématiques de Jussieu—Paris Rive Gauche, UMR 7586, Université Paris Diderot, UFR de Mathématiques, Case 7012, Bâtiment Sophie Germain, 75205 PARIS CEDEX 13, FRANCE.