

PROGRAMME DU 50^e : NOUVEAUX DÉVELOPPEMENTS EN PROBABILITÉS LIBRES ET APPLICATIONS
« ATELIER SUR LES PROBABILITÉS LIBRES : LA THÉORIE, SES APPLICATIONS »
4 AU 8 MARS 2019

50th ANNIVERSARY PROGRAM : NEW DEVELOPMENTS IN FREE PROBABILITY AND APPLICATIONS
“WORKSHOP ON FREE PROBABILITY : THE THEORY, ITS EXTENSIONS”
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Free Stein information

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I will speak on recent joint work with Brent Nelson, where we introduce a free probabilistic regularity quantity we call the free Stein information. The free Stein information measures in a certain sense how close a system of variables is to admitting conjugate variables in the sense of Voiculescu. I will discuss some properties of the free Stein information and how it relates to other common regularity conditions.

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