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Vadim Gorin* (vadicgor@gmail.com). *Gaussian Free Field in random matrices and 2d statistical mechanics.*

The Gaussian Free Field (GFF) is a distinguished conformally invariant generalized $2d$ random field. The aim of my talk will be to discuss the universal appearance of GFF as a scaling limit describing global fluctuations of statistical mechanics models and random matrices. (Received January 16, 2014)