

Constructive Renormalization Group: A conference in memory of Pierluigi Falco



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The Coulomb system at the KT transition, part II

Tuesday, 9 June 2015 12:00 (1 hour)

In a recent paper <http://arxiv.org/abs/1311.2237>, Pierluigi Falco derived the detailed asymptotics of the correlation function of the critical Coulomb system in two dimensions at low density, as predicted by Berezinskii, Kosterlitz and Thouless. In this second of a two part lecture we will review this result and explain some of key ideas in this remarkable achievement.

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