

**RIESZ ENERGY PROBLEMS AND INTEGRAL
IDENTITIES – UNEXPECTED PHENOMENA FOR
EQUILIBRIUM MEASURES**

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The talk is about potential theory, and more precisely the explicit computation of equilibrium measures for Riesz interaction, including logarithmic interaction, in arbitrary dimension. It involves special functions and integral identities, and features unexpected threshold phenomena.

<http://arxiv.org/abs/2206.04956>

<http://arxiv.org/abs/2108.00534>.

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