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On Representations of Non-Symmetric Dirichlet Forms

We present some structure results on non-symmetric Dirichlet forms. These include Beurling–Deny formula, an analogue of LeJan's transformation rule for the diffusion parts, and a Levy–Khintchine type formula for regular non-symmetric Dirichlet forms on R^d.

This is joint work with Ze-Chun Hu and Zhi-Ming Ma.