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Renormalizability of the Schrödinger Functional.

Wednesday, 15 July 2015 14:00 (20 minutes)

Symanzik showed that quantum field theory can be formulated on a space with boundaries by including suitable surface interactions in the action to implement boundary conditions. We show that to all orders in perturbation theory all the divergences induced by these surface interactions can be absorbed by a renormalization of their coefficients.

Primary author: Prof. KENNEDY, Anthony (University of Edinburgh)

Co-author: Dr SINT, Stefan (Trinity College Dublin)

Presenter: Prof. KENNEDY, Anthony (University of Edinburgh)

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