Contribution ID: **123**

Type: **Talk**

Schwinger Model Mass Anomalous Dimension

Saturday, 18 July 2015 09:20 (20 minutes)

The mass anomalous dimension for several gauge theories with an infrared fixed point has recently been determined using the mode number of the Dirac operator. In order to better understand the sources of systematic error in this method, we apply it to a simpler model, the massive Schwinger model with two flavours of fermions, where analytical results are available for comparison with the lattice data.

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Session Classification: Applications Beyond QCD

Track Classification: Applications Beyond QCD