

Fractional moment method for non-monotone models

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The fractional moment method is a tool to show exponential decay of the averaged Green's function (in an appropriate sense) and thus Anderson localisation for many classes of ergodic, random difference operators on a lattice. Typically the method heavily relies on the monotone dependence of the operator on the random parameters. For certain models it is possible to extend the method to non-monotone parameter dependence.