

Preface

In our notes, we study a model of interacting one-dimensional Brownian motions in considerable detail. At first sight, the dynamics look simple: the Brownian motions are ordered, and Brownian motion with label j is reflected from the one with label $j - 1$. This model belongs to the Kardar–Parisi–Zhang universality class. Adding to the results as presented in our notes a recent contribution by Kurt Johansson, this model allows for the so far most complete asymptotic analysis. The limiting expressions are likely to be valid for all models in the KPZ class.

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Class

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