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Non-equilibrium Fluctuations for exclusion with a slow bond

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Abstract

We consider the symmetric simple exclusion process one-dimensional with a slow bond. The rates of jump are one for all bonds, except at the particular bond $\{0, 1\}$, where the rate of exchange is given by α/n, with $\alpha \in (0, +\infty)$. In this talk, let us discuss the features of the proof of Non-Equilibrium Fluctuations.

References

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