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On the Bramson logarithmic correction for KPP fronts

Abstract. I will recall a well known result of Bramson on the location of solutions of the KPP equation with compactly supported initial data. Bramson has originally proved this result using probabilistic techniques (large deviation methods). I will describe a simple PDE proof of a (weaker version) of Bramson's theorem, and explain how it can be generalized to periodic media. This is a joint work with F. Hamel, J. Nolen and J.-M. Roquejoffre.
