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Convergence of general weakly asymmetric exclusion processes

We consider spatially periodic growth models built from weakly asymmetric exclusion processes with finite jump ranges and general jump rates. We prove that at a large scale and after renormalization these processes converge to the Hopf-Cole solution of the KPZ equation driven by Gaussian space-time white noise. In contrast to the celebrated result by L. Bertini and G. Giacomin (in the case of the nearest neighbour interaction) and its extension by A. Dembo and L.-C. Tsai (for jumps of sizes at most three) we don't use the Hopf-Cole transform and work with the KPZ equation using regularity structures. This is a joint work with J. Quastel from the University of Toronto.