

LOCAL LIMIT OF DIRECTED ANIMALS ON THE SQUARE LATTICE AND INTERTWINING

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ABSTRACT. In this talk, I will discuss the local limit of rooted directed animals on the square lattice when their size grows to infinity. I will give two descriptions of the limiting object, one obtained by dropping dimer along a special random walk and the other as a branching-annihilating process that exhibits a remarkable intertwining property.

[Joint work with Olivier Hénard and Édouard Maurel-Segala]

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