# **Evaluation of an Order Parameter for the Reaction-Diffusion Model in a Cellular Automaton**

How does an order parameter perform on a Reaction-Diffusion model implemented in a Cellular Automata? Creation of Gang Territories and other Patterns





[4] Alsenafi, A., & Barbaro, A. B. T. (2018). A convection-diffusion model for gang territoriality. Physica D Nonlinear Phenomena, 510, 765–786. https://doi.org/10.1016/j.physa.2018.07.004