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Pattern Formation from the Gierer–Meinhardt Model on the Stanford Bunny

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Abstract

Snapshot from a simulation the Gierer–Meinhardt model on the Stanford Bunny computed using the radial basis function finite difference (RBF-FD) method. This model is consists of activator/inhibitor system of reaction diffusion equations and is known to generate Turing patterns that mimic the coats of some animals found in nature.