

A hexagonal lattice plot showing a phase transition. The lattice is composed of yellow and orange hexagons, with a central region of red hexagons. The axes are labeled from 0 to 15. The red region is located in the center of the plot, surrounded by a yellow region, which is further surrounded by an orange region. The hexagons are arranged in a regular grid, and the colors transition from yellow to orange to red as they move away from the center.

