

A hexagonal lattice plot showing a phase transition. The lattice is composed of yellow and orange hexagons, with a central region of red and black hexagons. The axes are labeled from 0 to 15. The red and black hexagons form a complex, interconnected pattern in the center of the lattice, while the yellow and orange hexagons form the surrounding regions. The transition is characterized by a change in the color of the hexagons, indicating a change in the phase of the system.

