



Diagram illustrating a 1D lattice structure with sites labeled 'ct' (red) and 'J' (black). The lattice is represented by a horizontal line with sites marked by dots. The labels are distributed as follows:

- Site 1: 'J' (black)
- Site 2: 'J' (black)
- Site 3: 'ct' (red)
- Site 4: 'J' (black)
- Site 5: 'J' (black)
- Site 6: 'J' (black)
- Site 7: 'ct' (red)
- Site 8: 'ct ct' (red)
- Site 9: 'ct' (red)
- Site 10: 'ct' (red)