

Diagram illustrating a 2D hexagonal lattice structure with 19 sites. The sites are labeled with the configuration $(10)(2e)$ or $(10)(2e)$. The lattice is arranged in a hexagonal pattern, with the top row having 4 sites, the second row having 5 sites, the third row having 4 sites, the fourth row having 3 sites, the fifth row having 2 sites, and the sixth row having 1 site. The label "Doppel" is centered below the lattice.

