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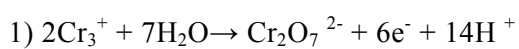
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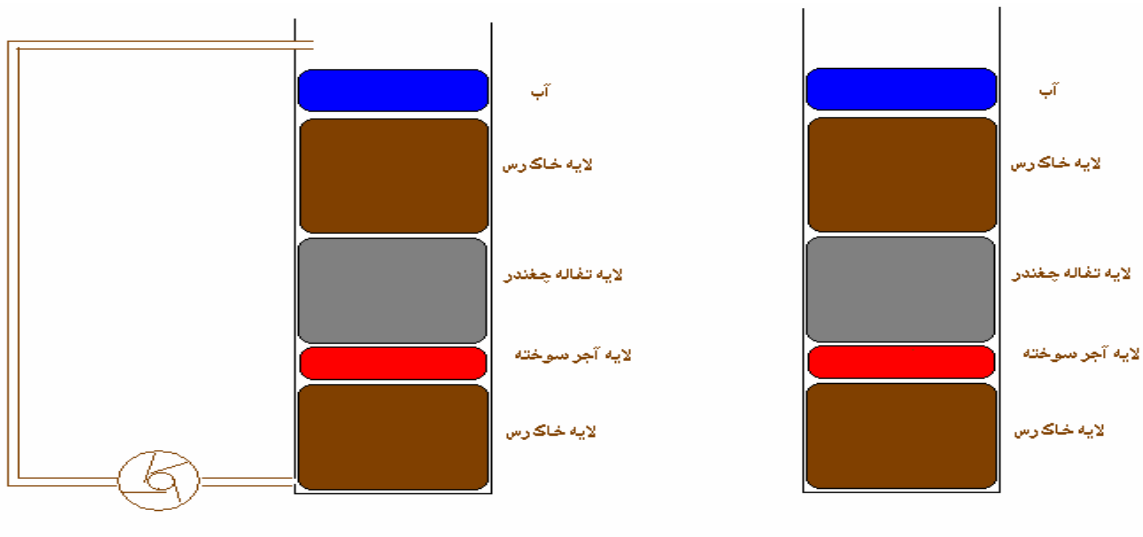
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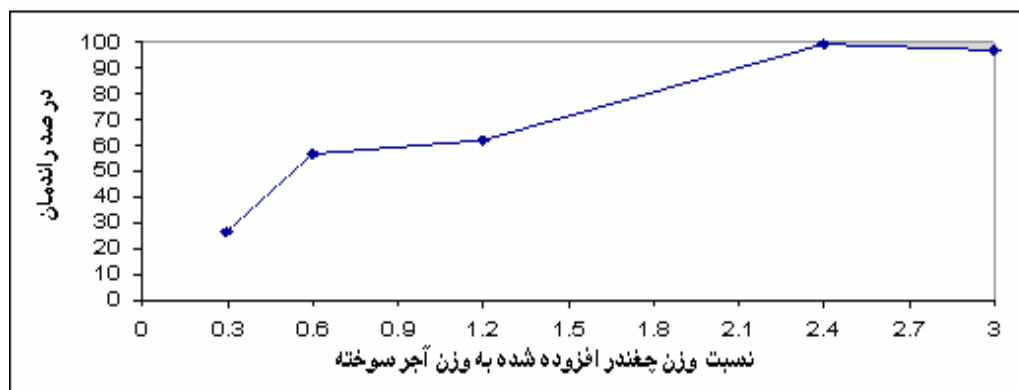
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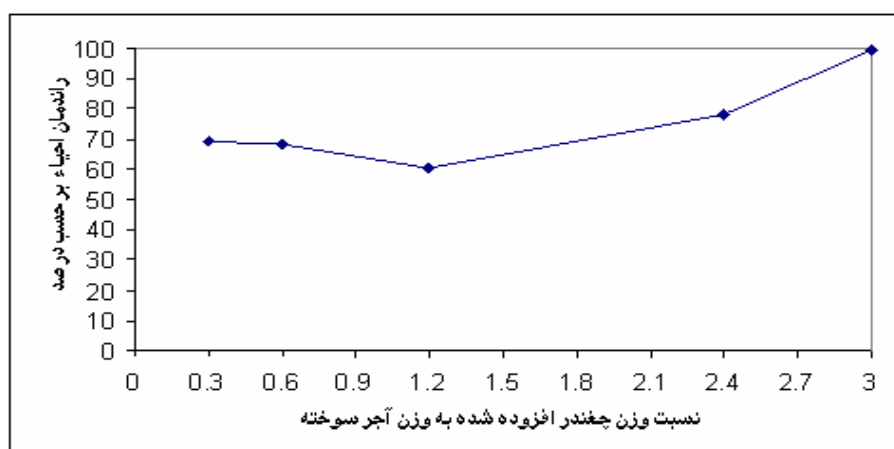
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Figure 1: A schematic diagram of a 1D lattice with two sublattices, A and B. The lattice is represented by a horizontal chain of sites. Sublattice A sites are marked with blue dots and labeled 'A' above them. Sublattice B sites are marked with red dots and labeled 'B' above them. The unit cell is indicated by a bracket labeled 'a'. The hopping parameter t is shown between adjacent sites. The chemical potential μ is indicated by a vertical line. The energy levels are shown on the right, with the Fermi level E_F marked. The diagram illustrates the electronic structure of a 1D lattice with two sublattices.

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