

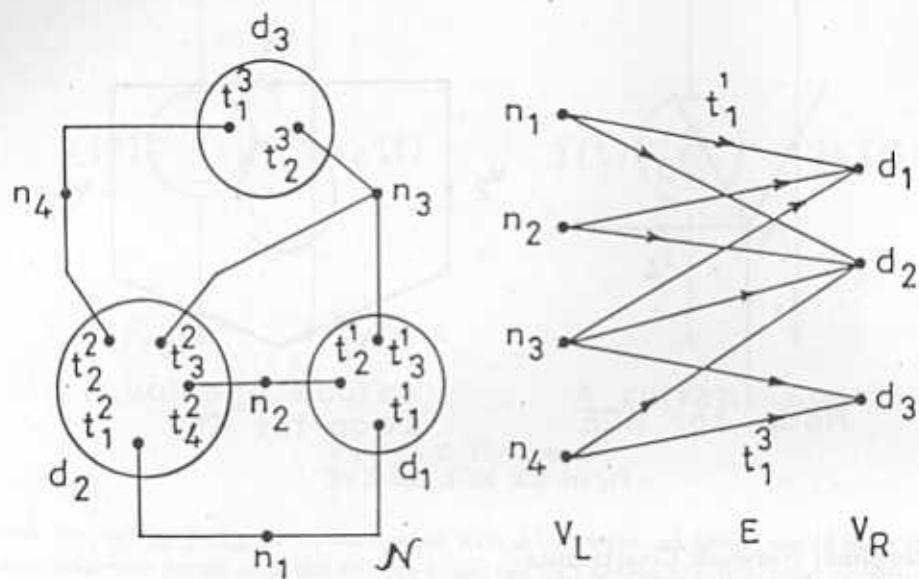


Figure 5.2: An Electrical Network $\mathcal{N}$ and its Bipartite Graph Representation