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realization of a graph

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A *realization of a graph* G in a topological space X is an injective map $\rho : G \rightarrow X$ such that G with the graph topology is homeomorphic to $\rho(G)$ with the subspace topology. Of particular interest are realizations of G in 3-dimensional Euclidean space, where each of the edges is a line segment, and where no 4 points of G are coplanar.