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graph theory | Problems & Applications | Britannica

Graph theory is also used in connectomics; nervous systems can be seen as a graph, where the nodes are neurons and the edges are the connections between them. Mathematics [edit] In mathematics, graphs are useful in geometry and certain parts of topology such as knot theory .

Graph theory - Wikipedia

Bibliography 55. 7. 71 Graph theoryIn mathematics, graph theory is the study of graphs, which are mathematical structures, used to model pair wise relations between objects. A graph in this context is made up of vertices, nodes, or points which are connected by edges, arcs, or lines.

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Spectral Graph Theory and its Applications - IEEE ...

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