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edge-contraction

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 $Related\ topic \qquad Theorem On 3 Connected Graphs$

Defines contraction

Given an edge xy of a graph G, the graph G/xy is obtained from G by contracting the edge xy; that is, to get G/xy we identify the vertices x and y and remove all loops and duplicate edges. A graph G' obtained by a sequence of edge-contractions is said to be a contraction of G.

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