⬦ Vertex Separators

1 Why

TODO

2 Definition

A *vertex separator* for two vertices of an undirected graph is a subset of the vertices of the graph is the vertices are in different connected components of the subgraph induced by the complement of the subset of vertices. A vertex separator is a *minimal vertex separator* for two vertices if no proper subset of it is a vertex separator for those vertices. Other names for minimal vertex separators are *relatively minimal cutsets*.

3 Result

Proposition 1. *A graph is chordal if and only if all minimal vertex separators are complete.*

Proof. TODO ▢

Absolute

Real Numbers Length Natural

Rational Numbers Natural Sums

Integer Numbers

Zero Natural Order

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