

Graph-Theoretic Property: *atis* **DisconnectedElements**

(Graph-theoretic properties are those properties that are part of the meta-theory and have been abducted from graph theory to be used as a tool to provide solutions concerning the theory. Those solutions may be assigned as values to components or relations of the theory and thereby become part of the theory.)

Disconnected elements, ${}_dE$, =_{df} Elements that have no connections.

$${}_dE, =_{df} \{x \mid \forall (x,y)[(x,y), (y,x) \notin {}_cE]\}$$

Disconnected elements are defined as a set of elements such that the elements are not connected.