

## Graph-Theoretic Property: *atis* Receiving Elements

(*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.)

**Receiving elements**,  ${}_rE$ , =<sub>df</sub> Elements that have path-connections to it.

$${}_rE =_{df} \{x \mid \forall y [(x,y) \in {}_pcE]\}$$

**Receiving elements** are defined as a set of elements such that the elements are a path-connected to the set element.