Set-Theoretic Property: \( atis\text{System} \)

(Set-theoretic properties are those properties that are part of the meta-theory and have been abducted from set 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.)

\[ \text{System, } S, =_{df} \text{ an ordered pair consisting of the system object-set and family of affect relations.} \]

\[ S =_{df} (G_0, A) = (S_0, S_\emptyset) \]

\textbf{System} is a set of components and a family of affect-relations.