System Type: \textit{atis\textunderscore SystemEnvironment}

(System type is part of the metatheory and is defined by characterizations of those system properties that define such a system.)

\textbf{System environment, or negasystem,} $\mathcal{S}'$, $=_{df}$ The system that corresponds to and is disjoint from the targeted demarcated system.

\[\mathcal{S}' = df \{ \mathcal{W} \mid \mathcal{W} = (\mathcal{S}'_0, \mathcal{A}') = (\mathcal{S}'_0, \mathcal{S}'_{\phi}) \land \mathcal{W} \cap \mathcal{S} = \emptyset \land \mathcal{W} \subseteq \mathcal{U} \land \mathcal{W} \cup \mathcal{S} = \mathcal{U}\]

\textbf{Negasystem} is defined as a system and its intersection with the targeted system is equal to the null set, and the two systems are a subset of the universe and their union is equal to the universe.