

## Dynamic System Property: *atis* **LeadingBehaviorness**

(Dynamic system properties are those properties that are part of the theory and describe patterns in time as change occurs within a system or between a system and its negasystem.)

**Leading behaviorness**,  $\mathcal{L}\mathcal{B}(\mathcal{S})$ , =<sub>df</sub> regulation of system behavior at time  $t_1$  as the result of a predictive state in negasystem behavior at time  $t_2$ .

$$\mathcal{L}\mathcal{B}(\mathcal{S}) =_{df} \mathcal{A}(\mathcal{B}(\mathcal{S}))_{t(1)} | \mathcal{P}[\mathcal{B}(\mathcal{S}')_{t(2)}]$$

**Leading behaviorness** is defined as a regulation of system behavior at time  $t_1$  given a predictive negasystem behavior at time  $t_2$ .