Dynamic System Property: $_{atis}$StateDeterminantness

(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.)

State determinantness, $_D\mathcal{S}$, $=_{df}$ derivability of a system state from one and only one preceding system state.

$$_D\mathcal{S} =_{df} \mathcal{S}_{t(1)} \Vdash \mathcal{S}_{t(2)} \wedge \forall \mathcal{S}[\mathcal{S}_{i:\, t(1)} \Vdash \mathcal{S}_{t(2)} .\wedge. \mathcal{S}_{j:\, t(1)} \Vdash \mathcal{S}_{t(2)} :\supset: \mathcal{S}_i = \mathcal{S}_j]$$

State determinantness is defined as a unique system state at time t_1 implies the system state at time t_2.