

## Dynamic System Property: *atis*Stableness

(*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.)

**Stableness**,  $\mathfrak{S}_{SB}$ , =<sub>df</sub> change in initial system state or negasystem state yields a subsequent change of system state that remains within certain limits.

$$\mathfrak{S}_{SB} =_{df} \Delta \mathcal{S}_{t(1)} \vee \Delta \mathcal{S}'_{t(1)} \Vdash \mathcal{S}_{t(2)} < \alpha$$

**Stableness** is defined as a change in system or negasystem state at time  $t_1$  yields a system change of state that is less than  $\alpha$  at time  $t_2$ .