

Structural-Morphism System Property: *atis* **Isomorphismness**

(*Structural-morphism system properties* are those properties that are part of the theory and define the mapping-relatedness of object-set components.)

Isomorphismness, \mathcal{I} , =_{df} corresponding components of two systems that have the same connections.

$$\mathcal{I} =_{df} \underline{\mathcal{M}}(\mathfrak{S}_1, \mathfrak{S}_2) \mid \underline{\mathcal{M}}(\mathfrak{S}_1, \mathfrak{S}_2) = \underline{\mathcal{M}}(\mathfrak{S}_2, \mathfrak{S}_1)$$

Isomorphismness is defined as a measure between two systems; such that, the measure from \mathfrak{S}_1 to \mathfrak{S}_2 is equal to the measure from \mathfrak{S}_2 to \mathfrak{S}_1 .

Isomorphism is a homomorphism and its inverse that are *bijective functions*; that is, functions that are both *one-to-one* and *onto*.

The following homomorphism, $f_{iso}: \mathcal{T} \rightarrow \mathcal{S}$, defines an *isomorphism*:

