

Mathematic Property: *atis* Homeomorphism

(*Mathematic properties* are those properties that are part of the meta-theory and have been abducted from mathematics to be used as a tool to provide solutions concerning the theory. Those solutions may be assigned as values to components or relations of the theory and thereby become part of the theory.)

Homeomorphism, \underline{H} , =_{df} corresponding components of two disjoint topological spaces have the same connections.

$$\underline{H} =_{df} f: \mathcal{W}^o \rightarrow \mathcal{Z} \mid \mathcal{W}^o = (\mathcal{S}_{0(1)}, \tau_1) \wedge \mathcal{Z} = (\mathcal{S}_{0(2)}, \tau_2) : \supset: \mathcal{A}(\mathcal{W}^o, \mathcal{Z})$$

Homeomorphism is a topological mapping; such that, the spaces are isomorphic.