

Basic System Property: *atis* Sizeness

(Basic system properties are those properties that are part of the theory and are descriptive of every system. There are only two basic properties—Complexness and Sizeness.)

Sizeness, $\mathcal{M}_{\mathcal{Z}}(\mathcal{S})$, =_{df} a measure of a *partition*, $\mathcal{Y} = (V \subset \mathcal{G}_0, \mathcal{R} \subset \mathcal{G}_A)$, characterized by the number of components.

$$\mathcal{M}_{\mathcal{Z}}(\mathcal{S}) = \mathcal{Z} \mathcal{S} =_{df} |\mathcal{Y}(V)|$$

