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

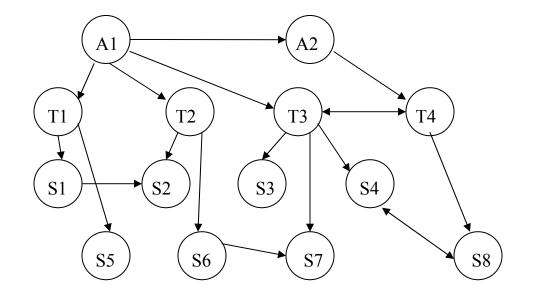
$$\mathcal{M}(zs) = zs =_{df} |y(v)|$$

Size in a School System

Administrators:

Teachers:

Students:



Affect Relation: Controls Activities of

Complexity is the cardinality of the affect-relation set, and Size is the cardinality of the component set.

Therefore: $\mathcal{M}(z) = 14.00$.