

Mathematical Property: *atis*EventX

(This is a mathematical measure of system properties.)

Event- \mathfrak{x} , $\mathcal{E}_{\mathfrak{x}}(\mathfrak{S})$, =_{df} an occurrence of a component-relation that is measurable by an APT&C score.

$$\mathcal{E}_{\mathfrak{x}}(\mathfrak{S}) =_{\text{df}} \exists \mathfrak{x} \in \mathfrak{S}_0 \exists \mathcal{A}_i(\mathfrak{x} = \mu_i \cap \beta_i \wedge \exists \mathcal{A}(\mathcal{A}(\mathfrak{x}) = \nu))$$

Event- \mathfrak{x} is a component-relation derived from an affect relation set and there is an APT&C measure of \mathfrak{x} .