

## **Katalytic**

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### **Katalytic (formal definition)**

*Symbol:  $\kappa$*

$$t/d = \kappa$$

*kappa -> katalytic*

**Katalytic (adj.)**

*Pertaining to a threshold condition in which a system transitions from a non-writable or non-expressive state into a writable, binary, or dynamically expressible regime. A katalytic threshold marks the onset at which latent structural potential becomes operational, enabling the system to generate, transmit, or sustain information.*

### **Katalytic Ignition ( $\kappa$ -onset):**

*The threshold condition at which a trinary substrate collapses into a binary, writable regime, initiating the first physically meaningful moment of a universe. Represented by the invariant  $\kappa$ .*

### **In Protophysics:**

A katalytic condition is the critical ratio at which a trinary substrate collapses into a binary state, initiating the first act of cosmic writability. This onset point is represented by the invariant  $\kappa$ , which denotes the minimal catalytic ratio required for cosmic ignition.