THE CYCLIC MEGA-BLACK HOLE DETONATION POSTULATE

First-Principles Physical Mechanism of the Big Bang (t = 0) in the SGDM Supercycle

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1. The Singularity Problem in Standard Cosmology

Standard Friedmann-Lemaître-Robertson-Walker cosmology requires an unphysical initial singularity with infinite density and temperature from 'nothing'.

2. The Centrifugal Kerr Instability Mechanism

In SGDM, domain consolidation over ~10^{16}–10^{18} years gathers matter into a rotating Mega-Black Hole ($M \sim 10^{23}$ M_□).

Accretion spins the core up to the extreme Kerr horizon limit $a^* = Jc/(GM^2) \longrightarrow 1.0$, triggering Poincaré-Dirichlet barotropic instability at axis ratio $c/a \approx 0.6$–0.8.

The equatorial disk undergoes centrifugal thermonuclear detonation, ejecting 5% of baryonic gas (H+He) and fragmenting the remainder into 95% primordial black holes (PBH).