Series-ID-Enter-B-v1 Residual Dimension, Three Ledgers, Census Non-State, Windowed Non-Transfer, and the Big Comparison

Sequel to Series-ID-Enter-A; six research conjectures left unproved

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Abstract

This sequel records five book-facing expansions of the Series-ID synthesis without restating the ten release items of Series-ID-Enter-A-v4/v5. (i) The residual-dimension access law $1 - k/d$ is stated on both Series-ID carriers. (ii) Three ledgers (access, energy/finite-time, residual-routing) are named and kept separate. (iii) The Host-B census is typed as not a state. (iv) Windowed non-transfer of the conical kernel is restated. (v) A Big comparison table ranks Finite-Box conditional certificates against Series-ID vacuum-fibre refusals without identifying slots. Six research conjectures from Series-ID-Enter-A remain unproved. No Host C, Einstein dynamics, Page curve, island, bounce, or de Sitter state is claimed.

Bibliographic record

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First page 1

Last page 6

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Identity and scope

The sheet family is Series-ID-Enter-B, alias ID-Enter-B; this release is Series-ID-Enter-B-v1. It is a documentary sequel to Series-ID-Enter-A [6]. It does *not* restate that sheet's ten release items. Local theorems of Series-ID-Enter-A remain there; this sheet adds typed comparisons and ledger separations for the book deposit *Dynamical Spacetime Enter: Two Prescribed Hosts, the Shredder Residual, and the Big Bang Comparison* (Cheung Ngo Medical Limited, 2026).

Both carriers of Series-ID remain prescribed and separate: an axis-filled cylindrical geometry and a two-ended compact-axial toroidal bridge. Host A and Host B of I-D [5] stay separate. Host C is not created.

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Residual-dimension law on both carriers

Theorem (Residual-dimension access law on both carriers). *Let a complete destructive Enter channel act on a d-dimensional payload register. If, in every branch r with weight p_r, the retained quantum cut has dimension at most k_r, then every decoder has recovery error*

$$e \geq 1 - \frac{1}{d}\sum_r p_r k_r.$$

In particular, for a uniform cut of dimension k, one has $e \geq 1 - k/d$, attained by an explicit instrument. The same numerical law holds when the interface is placed on either Series-ID carrier (cylindrical or toroidal), under that

carrier's own causal routing and deadline contract.

Remark. The law is an access statement, not a radius statement, and not a selection of Dom (*T*). It does not identify the two carriers, and it does not transfer a conical kernel from I-B [3] or IBG [8]. The de Sitter past remains a declared comparison, not Host A or Host B (cf. I-D-Deadline-A [7]).

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Three ledgers

Definition (Three ledgers). The Series-ID bookkeeping uses three named ledgers, kept separate:

1. Access ledger: complete-channel recovery error, cut rank, and residual capacity (including $1 - k/d$).

2. Energy / finite-time ledger: signed-energy and finite-time witness inequalities on a prescribed host; null-energy deficits on the bridge remain ledger entries, not matter theories.

3. Residual-routing ledger: residual routes after settling, flagged/heralded settling, and vacuum-fibre / residual-line non-selection. No ledger selects a quantum coefficient. Inverse Einstein, where cited from Hawk07-C-Dyn [13], remains a source ledger, not a matter theory.

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Census is not a state

Proposition (Census is not a state). *The computer-assisted Host-B resonance census of I-D [5] (44 simple enclosed zeros in a declared box) is a typed spectral count on settled Host B. It is not a quantum state, not a de Sitter state, not a Page curve, not an island, and not a selection of* Dom (*T*) *or of a Host-B stress.*

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Windowed non-transfer of the conical kernel

Proposition (Windowed non-transfer). *The I-B / IBG conical Green and echo kernels [8, 9] are not transferred*

to Host A or Host B of I-D by Series-ID-Enter-A or by this sequel. Any windowed comparison that names those kernels is documentary. No throat kernel and no Host-A source is supplied here.

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Big comparison table

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Six research conjectures (unproved)

The six sharper research conjectures of Series-ID-Enter-A are restated by label only and are *not* promoted to theorems:

1. conj:cross-host-residual

2. conj:ledger-recovery-decoupling

3. conj:null-energy-herald

4. conj:winding-key

5. conj:delayed-geometric-response

6. conj:joint-access-tomography

Research conjecture (Cross-host residual with a delivery flag). Unproved. See Series-ID-Enter-A.

Research conjecture (Ledger–recovery decoupling). Unproved. See Series-ID-Enter-A.

Research conjecture (Null-energy herald). Unproved. See Series-ID-Enter-A.

Research conjecture (Winding key). Unproved. See Series-ID-Enter-A.

Research conjecture (Delayed geometric response). Unproved. See Series-ID-Enter-A.

Research conjecture (Joint access tomography). Unproved. See Series-ID-Enter-A.

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Release box

Release box (Series-ID-Enter-B-v1). *Earned:* residual-dimension law on both carriers (typed); three-ledger separation; census-is-not-a-state; windowed non-transfer; Big comparison table; Scholar-ready bibliography. *Not earned:* proof of any of the six conjectures; bridge supply; Host-A source; throat kernel; quantum coefficient; $\mathrm{Dom}(T)$. *Refused:* Host C; Page/island/bounce/de Sitter state as Enter theorem; Einstein dynamics as matter theory; conjecture → theorem. *Integrity:* wired=false; companion repo untouched.

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