

Conclusions

Vessel – Form – Sophia · Version 4

The shared groove, the circle beside it, and the bond both ways across its end

These are the plain-language theses of the version-4 development, each with the standing it actually carries. They concern an *ensemble* of distinct *interiors* (Vessels) playing together in a created, shared, relational time — never a single timeless score read all at once. Throughout, *interior* is the technical term for one Vessel; the orchestra words (line, voice, instrument, groove) are the reading.

Status legend. **Structural / Definitional** **Theorem / Derived** **Conditional** **Open** **Reading**

V.F.S. 4.0 — the shared groove

- **Shared time does not require a master clock.** Created relational chronos is the shared groove of encounter, not an external metronome imposed from above.

Status: Structural construction.

- **Chronos is not *tota simul*.** The shared groove is not the timeless score read all at once. It is created, partial, successive, and relational.

Status: Theorem.

- **Each interior is recovered exactly when relational action is switched off.** If the relational influence is turned off, every interior plays its own 3.0 line exactly unchanged. The shared setting may remain, but the others no longer affect its motion.

Status: Theorem — exact uncoupled recovery.

- **Communion is not fusion.** The ensemble keeps its players distinct. Even when two lines lock perfectly, they remain two fibres, two histories, two instruments — not one merged state.

Status: Structural theorem / dynamic non-fusion theorem.

- **Encounter changes openness, not ownership.** Hearing another may change how an interior receives, remembers, or opens. It never transfers owned grace from one interior to another.

Status: Structural law.

- **Grace is not an economy of exchange.** No interior fabricates grace, and no one's part is handed over as a transferable stock. Common reception is shared without being divided.

Status: Theorem + non-rivalry principle.

- **Playing together does not throw the single player off their line.** Admissible encounter enters as a bounded input, so each active interior remains stable under relational influence.

Status: Conditional theorem — individual ISS.

- **Locking is possible when relation is stronger than mismatch.** Interiors keep together when Gate-mediated relational correction dominates their free drift.

Status: Conditional theorem — small-gain locking.

- **The ensemble can bridge only a finite difference.** There is a widest tempo gap that a given relational channel can still lock. Beyond that, the relation may remain meaningful, but it cannot force stable locking.

Status: Conditional theorem — maximum lockable mismatch.

- **No interior can be triggered without limit.** After a strong junction there is a real recovery interval before the next admissible trigger.

Status: Conditional theorem — derived refractory interval.

- **The performance is ordered, not smeared.** In any finite stretch of shared relational duration ϵ , only finitely many real triggering events can occur.

Status: Conditional theorem — network non-Zeno.

- **A completed interior may remain present as trace.** In the 4.0 orchestra, a completed interior no longer plays as an active line in shared chronos. It does not receive a new relational reset or katharsis there; it remains as a trace that may still shape the living through their receptivity. This is not a denial of the v2.0/v3.0 Resurrectio, but the post-terminus case of communion.

Status: Theorem — one-way communion across the terminus.

- **Two-way post-terminus intercession is named but deferred.** Whether the living can act back into a completed trace is not smuggled into the system. It is an open branch requiring a new primitive. (Now built as the 4.2 branch — see below.)

Status: Open branch at 4.0 — since built.

- **The whole communion remains bounded.** The plural Lyapunov certificate shows that the ensemble does not scatter. In the general forced case it stays within a stable moving tube; in the settled zero-residual case it locks into a stable moving groove.

Status: Conditional theorem.

- **The music keeps ascending.** Stable communion is not stillness. In the settled branch the relations stabilise while every active interior continues its positive ascent. The whole becomes a living groove, not a metronome and not a loop.

Status: Closing consequence / theological reading.

V.F.S. 4.0-H — the hardening

- **The conditional theorems become clean derived theorems on the selected regime.** The refractory interval, the network non-Zeno bound, individual stability, small-gain locking, the maximum lockable mismatch, and the plural certificate are no longer interval-by-interval estimates: on a bounded admissible regime kept away from the loss-of-lock, loss-of-branch, and loss-of-connectivity boundaries, they hold with single uniform constants. No new primitive is added.

Status: Derived on the selected admissible regime.

- **The minimum breath is one law, not a courtesy.** There is a single relational duration below which no interior, anywhere in the admissible life of the communion, can be re-triggered.

Status: Derived — uniform refractory floor.

- **Good order survives every junction and every completion.** A trajectory that begins admissible stays admissible across resets, encounters, shared reception, and terminus hand-offs; at a completion the communion does not break but continues, admissible still, as a communion of fewer living members holding the finished one as a trace.

Status: Derived — piecewise positive invariance.

- **An unequal communion is still bounded and still locks.** Bonds may run one way — one interior pouring out more than it receives — and the whole stays stable, provided the giving is strongly connected. The right weight for each line is its Perron weight, its place in the flow of giving; so weighted, asymmetry no longer pumps the whole toward disorder.

Status: Derived — directed certificate (strongly connected class; rooted-tree case deferred).

- **The persons are distinct in their values, not only in their names.** Two interiors with different floors differ forever; even two sharing a floor would have to coincide in everything at once to be confused, which the living of the communion generically forbids.

Status: Derived (generic) — value-separation.

V.F.S. 4.1 — liturgical recurrence

- **Recurrence can be added beside the ascent without a master clock.** The one new thing 4.1 admits is a shared external season — a recurrent reception field — received by each interior only through its own bounded openness. Switched off, 4.0 returns verbatim.

Status: Definitional + Selected (conservative new primitive).

- **The turning season and the endless road are different coordinates.** Each interior has a place in the cycle and a place on the climb; one full turn of the season adds nothing to the height attained. The trajectory is a helix, never a wheel.

Status: Derived — helix non-collapse.

- **No interior has an absolute place in the season.** The zero of the liturgical circle is no one's possession; only how one stands relative to another — ahead or behind in the same feast — is observable. As created time admitted no master clock, the liturgical circle admits no absolute position.

Status: Derived — gauge / lift / chart invariance.

- **A communion can come to keep the season together, within a finite bridgeable difference.** When the relational phase-pull dominates the free drift, the worshippers entrain; but there is a widest difference of liturgical pace a bond can reconcile, set by what the gate can receive. The circle also gives what the

road did not — more than one stable way to be together. (The familiar sine law is one reduced model of a general bounded restoring law.)

Status: Conditional / Derived — circle-valued locking (basin-local).

- **One calendar requires the leads and lags to close around every loop.** If they do, the body holds one season, in possibly several whole patterns (windings); if a loop leaves a fractional remainder no re-phasing can absorb, the body is frustrated — each pair content, the whole unable to rest. This is the exact form of a calendar that has split: a whole-cycle, integer-deep obstruction.

Status: Definitional + Derived dichotomy (full frustrated landscape Open).

- **Keeping the feast together and rising without return hold at once.** In the clean case the communion phase-locks while every interior still ascends; the feast returns, and the one who keeps it has gone higher than before.

Status: Derived + reading — plural helix.

- **One measure now watches state, rate, and feast together.** A single descending functional governs the whole communion in interior state, ascent rate, and liturgical phase at once — to a bounded neighbourhood in general, and in the settled case to a locked moving groove.

Status: Derived (basin-local, zero-frustration).

- **What 4.1 leaves open.** The full frustrated landscape, global synchronisation beyond single basins, a directed phase certificate, and the precise constitutive law of the liturgical profile are named and unfinished.

Status: Open residuals.

V.F.S. 4.2 — two-way post-terminus

- **The living may touch the completed in one thing only: a disposition, not a possession.** Not the grace of the departed, not their ascent, not their finished purification, not their rank — none of which can be moved — but how the completed one is turned, faced, held in relation.

Status: Definitional + Selected (new primitive; the whole cost of the branch).

- **Intercession is bounded, read-only, and non-depleting.** The one who prays loses nothing of their own; the completed receives no grace passed across; the disposition moves only within its bound, no fervour exceeding it.

Status: Derived — bounded non-transferring channel.

- **The two-way coupling breaks none of the closure invariants.** No owned stock crosses, no fibres fuse, the completed kairos stays shut, and 4.0 is recovered when the channel is off — because the disposition is a causal sink: it receives from the living but feeds nothing back, so the two channels never compose into a transferring, fusing, or reanimating loop.

Status: Derived — the crucial preservation theorem.

- **What is gained is relational, not substantial.** The departed's substance, rank, and destiny are sealed; what two-way intercession secures is that the bond stays open — a live relation across the terminus, not a one-way memory.

Status: Definitional + theological reading.

- **The whole two-way communion is stable, and 4.0 is one setting of it.** The living keep their moving communion undisturbed; each disposition settles to a bounded steady facing between its baseline and full, drawn toward fullness by prayer. A communion that prays for its dead and one that does not are the same structure at two settings of one bounded dial, with 4.0 as the zero-intercession limit.

Status: Derived — bidirectional terminus theorem.

- **Love crosses the terminus both ways without becoming a transaction.** Prayer for the departed does not loop back to serve the one who prays; the departed help the living by who they finally became, the living touch the departed in how they are now turned, and these never close into a circle of exchange.

Status: Derived (sink structure) / theological reading.

- **What 4.2 deliberately does not decide.** The magnitude and felt efficacy of intercession, the finality question, any doctrinal identification of the disposition, the looped variant, and whether the channel is instantiated at all are left unoccupied. The branch is shown consistent, not asserted real.

Status: Open — apophatic non-occupation.

Closing consequence — version 4 entire

*The endless road, the circle beside it, and the bond both ways across its end:
Vessels distinct and unfused, paced and safe, rising without return, keeping
the feast together, and held in a communion that completion makes quieter
but does not close.*

Status: Closing consequence / theological reading.