Part Bibliography and Relation Register

Part 2 (2a-2b): Informational Architecture; Knowledge, Intelligence, and Observation | Issue 1

Control field	Value
Document ID	P2-2A2B-SD04-BIBLIOGRAPHY
Version / issue	Issue 1
Date	2026-09-23
Status	Final Issue 1 support release covering all ten Part 2 canonical papers, including the released Paper 1c scholarly apparatus. Secondary to canonical papers. Exact paper and support file identities are recorded in the release manifest; scholarly scope limits remain explicit.
Supersedes	The preceding Issue 1 copy of this support document and its earlier pre-release inputs. Immediate release input: Part 2 - Bibliography and Relation Register - Issue 1.docx | sha16 8a43f19d0e77a701. Earlier source files and release history are retained. This reissue aligns support to the minimally amended Papers 2, 4a and 4c; it makes no further paper edits.
Function	Conglomerates the Part 2a and Part 2b bibliography and relation-control registers inside one Part 2 support document while preserving paper-local scholarly relations, coded audit posture, hold/exclusion branch-memory, adjacency residual, posture/delta state, and Series handoff.
Canonical rule	Canonical primary and extension papers govern technical definitions. Paper 1 owns the RRP architecture; Paper 1a signal; Paper 1b reference-indexed realism and closure; Paper 1c the relational index, embodiment, derived reachability, Relational Form, and propagation; Paper 2 knowledge; Paper 3 intelligence; Paper 4 observation; Paper 4a abstraction and perspective; Paper 4b scale and measurement; Paper 4c the observation-program operational envelope.
Internal split rule	Part 2a and Part 2b remain distinct canonical regions inside one Part-level support control. Part 2b inherits Part 2a architecture; downstream material does not retroactively redefine upstream canonical terms.
Source-lock rule	Use the ten Issue 1 paper identities in 0.1 and the directional support-control chain in 0.2. Part_2_Issue_1_Support_Manifest.json distinguishes recalculated SHA-256 digests from unchanged recorded locks carried forward without byte verification. Historical predecessor locks remain evidence only. Every later saved edit requires rehashing and downstream reconciliation.
Template rule	Retain the consolidated support schema, record IDs and GOT-SFMT-01 visual family. Preserve Paper 1c content and canonical definitions. This reconciliation updates release controls and the limited Paper 1c support alignment; it adds no external publication or independent technical definition.

0. Part-level consolidation and source discipline

This clean Issue 1 support reissue reconciles Part 2a and Part 2b with the completed, limited Paper 1c integrations in Papers 2, 4a and 4c. The ten-paper sequence, canonical ownership and internal split are preserved. Source-lock verification and carried-forward limits are distinguished in 0.1. This support pass makes no further primary- or extension-paper edits.

The Issue 1 canonical paper sequence is 1, 1a, 1b, 1c, 2, 3, 4, 4a, 4b, 4c. Paper 1c - Relational Form is an attached extension of Paper 1, placed after 1b. The Part 2b sequence remains Knowledge (2), Intelligence (3), Observation (4), Limits (4a), Scale (4b), and Operational Envelope (4c).

0.1 Canonical source register - Issue 1 release lock

Seq.	Released source / current and historical locks	Canonical paper	Canonical ownership / use
Part 2a / Paper 1	GOT-V1-2a-1 - Relative Reference Points - Issue 1.docx Issue 1 SHA-256 (first 16): d786d0683fca89f8 Historical predecessor only: 1. Relative Reference Points P2v8.docx | sha16 36cab03f9d685afb	Relative Reference Points	Reference-indexed informational architecture; Relational Access Principle; RRP and RRP Set; OP, OA, OR, RAS, RSD; local locus discipline; scoped operational information for a locus.
Part 2a / Paper 1a	GOT-V1-2a-1a - From Noise Cometh Signal - Issue 1.docx Issue 1 SHA-256 (first 16): 295caad5ca395d00 Historical predecessor only: 1a. From Noise Cometh Signal - P2v11.docx | sha16 dc80b50275c6ac95	From Noise Cometh Signal	Physical pathway of availability; variation, preserved contrast, signal, channel-relative discriminability, Locus Event Horizon, signal/information separation, and ingress into OP.
Part 2a / Paper 1b	GOT-V1-2a-1b - Reference-Indexed Realism - Issue 1.docx Issue 1 SHA-256 (first 16): 259f3a4db7bf6aed Historical predecessor only: 1b. Reference Indexed Realism - P2v7.docx | sha16 28306cc5f13cf769	Reference-Indexed Realism	Reference-indexed realism; broad bounded-registration bridge use; ontological target, finite model, residual, access scaffold, and discipline of closure.

Secondary to canonical papers. Primary papers govern technical use.

Seq.	Released source / current and historical locks	Canonical paper	Canonical ownership / use
Part 2a / Paper 1c	GOT-V1-2a-1c - Relational Form - Issue 1.docx Issue 1 SHA-256 (first 16): 47757d7fbce15332 Historical lineage: added during the Part 2 support reconciliation; the earlier Draft v3 and Apparatus working copies are superseded release inputs, not current canonical locks.	Relational Form	Relational index; target and locus as local physical cuts; coupling; embodiment of OA-keyed RAS; derived Relational Reachability; Relational Form and physically supported potential; relational propagation; relation before representation. RRP Set primitives remain owned by Paper 1.
Part 2b / Paper 2	GOT-V1-2b-2 - On the Origin of Knowledge - Issue 1.docx Issue 1 SHA-256 (first 16): 1c8023254b9e9e1c Historical predecessor only: 2. On the Origin of Knowledge - P2v8.docx | sha16 22932c7f9d238909	On the Origin of Knowledge	Knowledge as retained distinction; RAS as canonical minimal carrier; TK, KIP, NTK; record-status separated from truth, warrant, objectivity, and justification.
Part 2b / Paper 3	GOT-V1-2b-3 - On the Origin of Intelligence - Issue 1.docx Issue 1 SHA-256 (first 16): 38f1b0e3d69c60e2 Historical predecessor only: 3. On the Origin of Intelligence - P2v5.docx | sha16 30b095be2bf4bde5	On the Origin of Intelligence	Intelligence as applied distinction; finite branch-space; passive/active information; passive/active intelligence; NTI; provenance, comparator, and locus discipline.
Part 2b / Paper 4	GOT-V1-2b-4 - On the Origin of Observation - Issue 1.docx Issue 1 SHA-256 (first 16): 183e222a589a6bc4 Historical predecessor only: 4. On the Origin of Observation - P2v8.docx | sha16 6bf3d4081841fd63	On the Origin of Observation	Observation as bounded registration; OR event; RAS record; Pre-TO, TO, OIP, NTO; observer-locus, Observer, Observer Event Horizon, and record-provenance.

Seq.	Released source / current and historical locks	Canonical paper	Canonical ownership / use
Part 2b / Paper 4a	GOT-V1-2b-4a - The Limits of Observation - Issue 1.docx Issue 1 SHA-256 (first 16): f99af6b8df811fa6 Historical predecessor only: 4a. The Limits of Observation - P2v4.docx | sha16 6783e2a4c2434fdb	The Limits of Observation	Cut, abstraction regime, perspective, event-horizon profile, Abstraction Gap, relational uncertainty, and objectivity as disciplined correction.
Part 2b / Paper 4b	GOT-V1-2b-4b - The Scale of Observation - Issue 1.docx Issue 1 SHA-256 (first 16): 184d8bcc2ca708ea Historical predecessor only: 4b. The Scale of Observation - P2v5.docx | sha16 1113c05ac8df8cce	The Scale of Observation	Scale as stabilised comparability; magnitude, reference scale, operative scale, measurement, Scale Gap, scalar alignment, and scalar objectivity.
Part 2b / Paper 4c	GOT-V1-2b-4c - The Operational Envelope of Observation - Issue 1.docx Issue 1 SHA-256 (first 16): aa383c443babd127 Historical predecessor only: 4c. The Operational Envelope of Observation - P2v9.docx | sha16 02a8f4e8d57e80d5	The Operational Envelope of Observation	Observation program and descriptor layer; OH, CH, RF, OBW, OD, OG, ODr, OL, OCx; threshold/performance separation and failure localisation.

Source identity note: the current first-16 SHA-256 values for Paper 1c and all six Part 2b papers were recalculated from the available DOCX files, using the reissued Papers 2, 4a and 4c. Papers 1, 1a and 1b retain their recorded Issue 1 locks; their bytes and the earlier full manifests were not supplied for this reconciliation. Part_2_Issue_1_Support_Manifest.json records the verified full digests and marks those three retained locks without reconstructing missing digests. Historical predecessor locks and earlier change-log entries remain historical evidence.

Paper 1c release alignment: the canonical Issue 1 manuscript contains 21 native endnotes, nine internal series references and six reused external works. Its direct conceptual sources are Papers 1, 1a and 1b; Part 2b references are downstream handoffs. The support stack preserves the manuscript's compositional scope and explicit evidence limits, including endnote 10 on the unsupported Plato attribution. Release identity does not

establish that attribution, validate the illustrations empirically, or constitute a new external discovery audit. Bibliographic roles and limits are recorded in SD-04 as the downstream consolidation record, not as an upstream definition or hash dependency.

0.2 Part-level support-control chain

Control ID	Released control file / source lock	Permitted use
P2-SD01	Part 2 - Concept Compression Map - Issue 1.docx Issue 1 SHA-256 (first 16): eee99287e2cfaa10 Historical predecessor only: Part 2 (2a-2b) - Informational Architecture and Knowledge Intelligence and Observation - Concept Compression Map - Issue 1.docx | sha16 55c6d7f2e885ce66	Part structure and source-discipline control reference.
P2-SD02	Part 2 - Glossary - Issue 1.docx Issue 1 SHA-256 (first 16): b144e7dc2eac7133 Historical predecessor only: Part 2 (2a-2b) - Informational Architecture and Knowledge Intelligence and Observation - Series Master Glossary - Issue 1.docx | sha16 b56df66b7bab72f5	Vocabulary and canonical-home control reference.
P2-SD03	Part 2 - Guardrail and Failure-Mode Register - Issue 1.docx Issue 1 SHA-256 (first 16): f955341321f11d30 Historical predecessor only: Part 2 (2a-2b) - Informational Architecture and Knowledge Intelligence and Observation - Guardrail and Failure-Mode Register - Issue 1.docx | sha16 ca7145890d686e33	Failure-control and release-discipline reference.

Control ID	Released control file / source lock	Permitted use
Protocol	GOT - Bibliographic Identification Classification and Adjacency Discovery Protocol - Issue 1.docx | GOT-SD-BIB-01 Historical identity only: sha16 03dec29bfa52830c. Original control not recovered or supplied for this release; not a verified current dependency. The retained Paper 1c source-reuse record documents limited review rules only; no new audit code is assigned.	Bibliographic classes, relation tags, inheritance levels, hold/exclusion discipline, residual, and upward-consolidation control.

Inherited Part 1 support controls remain limited to the uses already permitted by the source documents: NTC, BD, IPL, comparator/localisation discipline, and support-document template/control practice. Part 1 life-attribution classes are not imported into Part 2 statuses.

Excluded source class: superseded Part 2 paper revisions; separate pre-release Part 2a/Part 2b support wording where it conflicts with current canonical papers or this consolidated control path; exported full-series TEM material; future Part 3 unknown-handling procedures except explicit handoff; prior generated answers; and unverified or unadmitted external material. Bibliographic apparatus does not create technical inheritance or move canonical ownership.

0.3 Cross-subpart publication-identity control

The two retained subpart bibliography registers preserve their original local IDs for recoverability. The following exact publication identities recur across Part 2a and Part 2b and must be treated as one publication identity during any whole-Part or Series-level deduplication. Their paper-local scholarly relations remain distinct.

Publication identity	Occurrence across Part 2
Dretske, F. I. (1981). Knowledge and the Flow of Information. MIT Press.	Part 2a Paper 1; Part 2b Paper 2
Giere, R. N. (2006). Scientific Perspectivism. University of Chicago Press.	Part 2a Papers 1b and 1c; Part 2b Paper 4a
Massimi, M. (2022). Perspectival Realism. Oxford University Press.	Part 2a Papers 1b and 1c; Part 2b Paper 4a
Nagel, T. (1986). The View from Nowhere. Oxford University Press.	Part 2a Paper 1b; Part 2b Paper 4a
Shannon, C. E. (1948). A Mathematical Theory of Communication. Bell System Technical Journal, 27(3), 379-423; 27(4), 623-656.	Part 2a Papers 1a and 1c; Part 2b Paper 4c

Part 2a - Informational Architecture

Internal Part 2a support section. Papers 1, 1a, 1b and 1c govern this region. Paper 1c now carries 21 native endnotes, nine internal series references and six external works already cited in Part 2a. Its direct conceptual sources are Papers 1, 1a and 1b; Part 2b entries are downstream handoffs. This source-only compositional review does not extend the historical external discovery coverage or audit codes of the earlier papers.

This internal Part 2a section preserves publication identity and earned paper-local relations. The 2026-08-12 reconciliation recorded the Paper 1 targeted audit and historical Paper 1a/1b coded lineage. The subsequent existing-corpus apparatus review added six bounded Paper 1c local uses. The Issue 1 release retains that completed source-reuse record and binds it to the released manuscript; no new external publication or discovery sweep is claimed.

The governing distinction remains bibliographic identity versus relational use. Historical maturity/class/tag/inheritance codes stay attached to their original paper-local relations. Paper 1c's new local notes state direct series inheritance, compositional derivation, comparator or provenance use, illustrative scope and source limits in ordinary language. They do not receive inferred maturity, inheritance or exclusion codes. The absent original protocol is not reconstructed as a complete code system.

No relation is strengthened by aggregation. Repetition of an author, theme, or intellectual neighbourhood across papers is not evidence of Indexed Inheritance, priority, correctness, or framework-level dependence. Promotion remains subject to deliberate review under GOT-SD-BIB-01 and must be supported by the paper-level audit apparatus rather than inferred at Part level.

The local endnotes and bibliography/reference list of each paper remain the reader-facing scholarly apparatus. This Part document is control infrastructure: it supports deduplication, cross-paper consistency, branch-memory discipline, later Series consolidation, and prevention of authority transfer by accumulation.

2. Consolidation architecture

Layer	Function	Control rule
Paper bibliography	Reader-facing local scholarly apparatus.	Full reference list plus local endnotes. The paper decides why a source is present.
Part bibliography	Deduplicated external publication identity across four Part 2a papers; internal series citations are recorded separately.	One bibliographic record per publication, with paper-occurrence markers. It does not flatten local relations.
Relation register	Preserves the source-to-paper relation that was actually earned.	Preserve the completed paper-audit maturity/class/tag/inheritance posture where available; retain the paper endnote as reader-facing authority. No Part-level promotion by aggregation.

Layer	Function	Control rule
Cross-paper controls	Expose material differences where authors or intellectual families recur.	Prevents author-level recurrence or thematic similarity from becoming false bibliographic deduplication, authority transfer, or silent conceptual inheritance.
Hold / exclusion branch-memory	Preserves the status of material candidates not admitted to a local paper bibliography.	Retain the original Paper 1/1a/1b historical records. Paper 1c's source-only reuse review and evidence limits are documented locally, without new discovery claims or invented codes.
Part residual	Carries historical discovery limits and Paper 1c's explicit source-limited review residual.	No claim of exhaustive prior-art discovery; unsearched, inaccessible, held, excluded, terminology-independent, or unrecognised adjacency remains residual.
Series handoff	Feeds the later Series Master Bibliography and dependency/provenance controls.	Deduplicate bibliographic identity again at Series level while retaining all paper- and Part-local relation records.

Upward consolidation therefore proceeds as: individual paper bibliography -> Part bibliography -> Series Master Bibliography. At each step the bibliographic record may be deduplicated; the indexed relation may not be collapsed merely for convenience.

3. Part 2a deduplicated publication bibliography

The following twenty-two external publication identities remain unchanged. Papers 1, 1a and 1b supply their original 22 reference-list occurrences (five, six and eleven respectively); Paper 1c adds six local occurrences of existing works. The Issue 1 Part 2a external totals are therefore 28 occurrences and 22 unique publications. Nine internal series references in Paper 1c are recorded separately in 3.2 and are not counted as external publication identities. Existing PB IDs and bibliographic records are preserved.

Part ID	Deduplicated bibliographic record	Paper(s)
PB01	Barwise, Jon, and Jerry Seligman. Information Flow: The Logic of Distributed Systems. Cambridge Tracts in Theoretical Computer Science 44. Cambridge: Cambridge University Press, 1997.	P1; P1c
PB02	Bateson, Gregory. "Form, Substance and Difference." General Semantics Bulletin 37 (1970): 5-13.	P1
PB03	Bateson, G. (1972). Steps to an ecology of mind: Collected essays in anthropology, psychiatry, evolution, and epistemology. Chandler Publishing Company.	P1a
PB04	Benoist, J. (2021). Toward a Contextual Realism. Harvard University Press.	P1b

Part ID	Deduplicated bibliographic record	Paper(s)
PB05	Bensusan, H. (2021). Indexicalism: The Metaphysics of Paradox. Edinburgh University Press.	P1b
PB06	Berg, H. C., & Purcell, E. M. (1977). Physics of chemoreception. Biophysical Journal, 20(2), 193-219. https://doi.org/10.1016/S0006-3495(77)85544-6	P1a
PB07	Bhaskar, R. (2008). A Realist Theory of Science. Routledge. (Original work published 1975).	P1b
PB08	Dretske, Fred I. Knowledge and the Flow of Information. Cambridge, MA: MIT Press, 1981.	P1
PB09	Giere, R. N. (2006). Scientific Perspectivism. University of Chicago Press.	P1b; P1c
PB10	Landauer, R. (1961). Irreversibility and heat generation in the computing process. IBM Journal of Research and Development, 5(3), 183-191. https://doi.org/10.1147/rd.53.0183	P1a
PB11	Landauer, Rolf. "Information Is Physical." Physics Today 44, no. 5 (1991): 23-29. doi:10.1063/1.881299.	P1; P1c
PB12	Lewis, D. K. (1986). On the Plurality of Worlds. Basil Blackwell.	P1b
PB13	MacKay, D. M., & McCulloch, W. S. (1952). The limiting information capacity of a neuronal link. Bulletin of Mathematical Biophysics, 14(2), 127-135. https://doi.org/10.1007/BF02477711	P1a
PB14	Maddy, P. (1990). Realism in Mathematics. Clarendon Press.	P1b
PB15	Massimi, M. (2022). Perspectival Realism. Oxford University Press.	P1b; P1c
PB16	Nagel, T. (1986). The View from Nowhere. Oxford University Press.	P1b
PB17	Parrondo, J. M. R., Horowitz, J. M., & Sagawa, T. (2015). Thermodynamics of information. Nature Physics, 11, 131-139. https://doi.org/10.1038/nphys3230	P1a
PB18	Putnam, H. (1981). Reason, Truth and History. Cambridge University Press.	P1b

Part ID	Deduplicated bibliographic record	Paper(s)
PB19	Rovelli, Carlo. "Relative Information at the Foundation of Physics." In It from Bit or Bit from It? On Physics and Information, edited by Anthony Aguirre, Brendan Foster, and Zeeya Merali, 79-86. Cham: Springer, 2015.	P1; P1c
PB20	Searle, J. R. (1995). The Construction of Social Reality. Free Press.	P1b
PB21	Shafer-Landau, R. (2003). Moral Realism: A Defence. Oxford University Press.	P1b
PB22	Shannon, C. E. (1948). A mathematical theory of communication. Bell System Technical Journal, 27(3), 379-423; 27(4), 623-656. https://doi.org/10.1002/j.1538-7305.1948.tb01338.x; https://doi.org/10.1002/j.1538-7305.1948.tb00917.x	P1a; P1c

3.1 Paper 1c bibliographic coverage and decision record

Review item	Source evidence / current state	Issue 1 disposition / continuing limit
Canonical inclusion	Paper 1c is the released compositional extension listed and source-locked in 0.1. Its argument and scholarly apparatus remain those of the frozen Issue 1 manuscript.	Keep canonical-work identity separate from external-publication identity and local citation role.
Reader-facing apparatus	21 native endnotes; nine internal series references; six existing external works. Verified in the released Issue 1 manuscript identified in 0.1.	Absent-apparatus placeholder closed. The final manuscript, its note anchors and reference entries are the paper-level source for this register; no further apparatus is authored in this support release.
Plato comparison	Heading 3.4 attributes a position to Plato, but the supplied cited corpus identifies no supporting Platonic text. Note 10 exposes the limit.	Carried source limitation, not verified historical scholarship. The frozen manuscript retains the comparison and endnote 10; this support release neither adds a Platonic source nor applies alternative wording. A future supported attribution or wording change requires a paper revision and new downstream hashes.
Shannon / quantum illustration	Shannon (1948) is reused in note 17 only as channel-theoretic context. Note 3 reuses Rovelli (2015) only for physical-relative information, not a quantum result.	No quantum formalism is imported; no new calculation is performed; Paper 1a's F/DEP/1 posture is not automatically transferred.

Review item	Source evidence / current state	Issue 1 disposition / continuing limit
Coded audit / branch-memory	The retained Paper 1c source-reuse record and released endnotes document the bounded existing-corpus review. The original GOT-SD-BIB-01 control remains unrecovered; no full discovery audit is claimed.	Retain existing codes at their old local homes. Use explicit prose roles for Paper 1c; do not invent maturity, inheritance or exclusion codes.
Issue 1 bibliography delta	Six new Paper 1c local external occurrences; zero new external publication identities. Part 2a totals: 28 occurrences, 22 identities.	Count nine internal series references separately. Preserve the original 22 Part 2a relation rows and all Part 2b records.
Issue 1 release gate	Paper-level apparatus present in released Issue 1; source-only inheritance and reuse roles documented. Historical attribution and illustrative evidence limits remain explicit.	Paper identity and final source hashes propagated. Release is of the frozen source-limited corpus; it does not resolve the scholarly limits by relabelling or establish new empirical findings.

3.2 Paper 1c internal series-reference register

These nine manuscript references identify direct inheritance or downstream handoff. They are not additional external-publication admissions and do not change the 22/53 external identity totals.

Series identifier	Citation role	Referenced manuscript
GOT-V1-2a-1	Direct architectural inheritance; headings 1.4; 2.1-2.3; 3.1-3.6; 4.1-4.3; 6.1-6.3; 7.8.	Relative Reference Points
GOT-V1-2a-1a	Direct physical-pathway inheritance; recoverable Part 1 handoff; headings 1.4; 2.1-2.4; 3.4, 3.6; 4.1-4.4; 5.2; 6.3-6.4; 7.1-7.3; 8.11.	From Noise Cometh Signal
GOT-V1-2a-1b	Direct realism, target/model and residual inheritance; headings 1.2; 2.2-2.3; 3.1-3.5; 4.3-4.4; 5.1.	Reference-Indexed Realism
GOT-V1-2b-2	Downstream knowledge handoff only; headings 1.6; 3; 5.1.	On the Origin of Knowledge
GOT-V1-2b-3	Downstream intelligence handoff only; headings 2.2-2.3.	On the Origin of Intelligence
GOT-V1-2b-4	Downstream observation handoff only; headings 1.2, 1.4-1.5; 3.2-3.5; 4.1-4.3.	On the Origin of Observation
GOT-V1-2b-4a	Downstream abstraction and correction navigation only; headings 2-4.	The Limits of Observation
GOT-V1-2b-4b	Downstream scale and measurement navigation only; headings 2-4.	The Scale of Observation
GOT-V1-2b-4c	Downstream program-envelope navigation only; headings 1.2-1.4; 2.1.	The Operational Envelope of Observation

4. Cross-paper relation controls

The original three-paper Part 2a reference lists contain no exact publication duplicates. Paper 1c now reuses six of those exact works under the local boundaries in its notes. The original Bateson and Landauer distinct-work controls remain intact. Exact work identity is deduplicated; the Paper 1c relation remains a separate paper-local record and does not inherit the earlier code by recurrence.

Source / control	Paper 1 relation	Paper 1a relation	Paper 1b relation	Part-level control
PB02 / PB03 Bateson	PB02 Bateson (1970): historical provenance for consequential difference as a partial precursor to RRP-indexed informational architecture.	PB03 Bateson (1972): close cybernetic comparator; the signal paper places preserved signal and RRP-indexed availability below consequential-difference burden.	Not locally admitted.	Distinct publications and distinct local relations. Do not collapse the 1970 article and 1972 collection into one Part record or infer technical inheritance from recurrence.
PB11 / PB10 Landauer	PB11 Landauer (1991): physical provenance; physical embodiment is necessary but not sufficient for RRP-indexed operational information.	PB10 Landauer (1961): physical irreversibility result grounding cost and constraint for information operations; it does not supply RRP or the signal ladder.	Not locally admitted.	Distinct publications carrying different physical-provenance functions. Author recurrence has no upgrading effect.
Original-three-paper slice	No repeated publication identity.	No repeated publication identity.	No repeated publication identity.	The original three papers retain 22 occurrences and 22 publication identities. Their relations are unchanged. Paper 1c adds the bounded reuses recorded separately below.
Paper 1c reuse	PB01 Barwise/Seligman; PB11 Landauer (1991); PB19 Rovelli.	PB22 Shannon (1948).	PB09 Giere; PB15 Massimi.	Six exact works recur with separate 1c note anchors. Issue 1 totals: 28 external occurrences, 22 identities. No automatic code or dependency transfer.

5. Paper-local relation index

This index preserves the 22 original paper-local external relations and adds six Paper 1c source-reuse relations, giving 28 external local occurrences. The historical coded postures are retained, not externally rerun. Each new Paper 1c relation is anchored to its own native endnote and to the existing source home; its ordinary-language role is not an invented audit code. Internal series citations remain separate in 3.2.

Part ID	Paper	Source	Local status / compact grammar	Local anchor	Source-locked relation
PB01	P1	Barwise & Seligman (1997)	A3; C / SPEC / 0	Endnote 3	Neighbouring formal architecture of classifications, tokens, states, and channels. The present OA relation remains physically indexed to an RRP and does not inherit channel theory.
PB02	P1	Bateson (1970)	A3; P/C / OVL / 0	Endnote 1	Partial precursor through consequential difference. The present architecture separately controls availability, classing, registration, retention, and redeployment rather than using consequence as the sole information threshold.
PB08	P1	Dretske (1981)	A3; C / SPEC / 0	Endnote 4	Comparator for objective information through dependency, coding, and later cognitive use. RRP stops at more primitive finite-locus access conditions and inherits no cognitive or semantic burden.
PB11	P1	Landauer (1991)	A3; P / SPEC / 0	Endnote 5	Physical embodiment is necessary in the present architecture but not sufficient; operational information for a locus requires the RRP-indexed relation.

Part ID	Paper	Source	Local status / compact grammar	Local anchor	Source-locked relation
PB19	P1	Rovelli (2015)	A3; C / OVL / 0	Endnote 2	Relative information between physical systems without subjectivism is a close comparator. RRP adds locus-interface-regime availability and OP/OA/OR/RAS/RSD status distinctions; no technical inheritance is claimed.
PB03	P1a	Bateson (1972)	A3; C / OVL / 0	Endnote 5	Consequential difference is a close comparator, but preserved signal and RRP-indexed availability are placed below that burden; comparator-stable downstream consequence is reserved for NTC.
PB06	P1a	Berg & Purcell (1977)	A3; C / SPEC / 0	Endnote 1	Chemoreception shows physically limited discrimination under receptor geometry, diffusion, fluctuation, and observation-time constraints. It is a restricted comparator to finite ingress, not the general Locus Event Horizon architecture.
PB10	P1a	Landauer (1961)	F / DEP / 1	Endnote 2	Canonical physical-irreversibility result for logically irreversible information operations. Grounds physical cost and constraint, not RRP architecture or the signal ladder.

Part ID	Paper	Source	Local status / compact grammar	Local anchor	Source-locked relation
PB13	P1a	MacKay & McCulloch (1952)	A3; C / OVL / 0	Endnote 4	Historical comparator for channel-relative discriminability under coding, relaxation-time, and temporal-resolution constraints. Does not supply the present signal/OP/registration/retention/downstream-consequence separations.
PB17	P1a	Parrondo, Horowitz & Sagawa (2015)	F / DEP / 1	Endnote 2	Modern thermodynamics-of-information framework used to ground physical cost and constraint. Does not supply RRP architecture or the present signal ladder.
PB22	P1a	Shannon (1948)	F / DEP / 1	Endnote 3	Supplies the channel-relative mathematical framework for entropy, coding, alphabets, noise, and channel capacity. The further RRP burden of operational availability for a specified locus is additional.
PB04	P1b	Benoist (2021)	A3; C / OVL / 0	Endnote 5	Contextual realism is a close comparator to rejection of unindexed claims. Reference-Indexed Realism adds a physical access scaffold and explicit target/model/residual discipline.

Part ID	Paper	Source	Local status / compact grammar	Local anchor	Source-locked relation
PB05	P1b	Bensusan (2021)	A3; C / CON / 0	Endnote 6	Indexicalism is a close neighbour in rejecting totalising metaphysics. The present index constrains a finite reality-claim while the ontological target may exceed every current index; no developmental dependence is established.
PB07	P1b	Bhaskar (2008 [1975])	A3; C / OVL / 0	Endnote 2	Intransitive/transitive distinction is close to target/model asymmetry. The paper does not inherit Bhaskar's transcendental argument, stratified ontology, or wider critical-realist programme.
PB09	P1b	Giere (2006)	A3; C / OVL / 0	Endnote 8	Along with Massimi, provides a near comparator for perspectival observation and representation. Reference-Indexed Realism is broader and grounds finite modelling in RRP access, target/model asymmetry, comparator discipline, and residual.
PB12	P1b	Lewis (1986)	P / N-A / 0	Endnote 3	Representative source for the strong possible-worlds form of modal realism. Used schematically; no substantive metaphysical commitment is inherited.

Part ID	Paper	Source	Local status / compact grammar	Local anchor	Source-locked relation
PB14	P1b	Maddy (1990)	P / N-A / 0	Endnote 3	Representative source for mathematical realism. Used schematically; no substantive metaphysical commitment is inherited.
PB15	P1b	Massimi (2022)	A3; C / OVL / 0	Endnote 8	Along with Giere, provides a near comparator for perspectival observation and representation. Reference-Indexed Realism is broader and grounds finite modelling in RRP access, target/model asymmetry, comparator discipline, and residual.
PB16	P1b	Nagel (1986)	P / N-A / 0	Endnote 7	Provenance for the "view from nowhere" formulation and the subjective/objective standpoint tension. Reference-Indexed Realism rejects a perspective-free ideal and treats objectivity as disciplined correction of an indexed model under target pressure.
PB18	P1b	Putnam (1981)	A3; C / OVL / 0	Endnote 1	Comparator for metaphysical realism as mind-independent reality plus a fixed complete description from an external standpoint. The paper shares rejection of complete model-possession but retains stronger target/model asymmetry.

Part ID	Paper	Source	Local status / compact grammar	Local anchor	Source-locked relation
PB20	P1b	Searle (1995)	A3; C / OVL / 0	Endnote 4	Institutional facts can depend on human practices while remaining objectively consequential. The paper generalises the dependence point across indices and does not inherit collective-intentionality or constitutive-rule machinery.
PB21	P1b	Shafer-Landau (2003)	P / N-A / 0	Endnote 3	Representative source for moral realism. Used schematically; no substantive metaphysical commitment is inherited.
PB01	P1c	Barwise & Seligman (1997)	Existing-corpus reuse; no new coded maturity or inheritance level	Endnote 4	Structural comparator; no channel-theory inheritance. Earlier source home: Paper 1, endnote 3. See Paper 1c local note for its actual role.
PB09	P1c	Giere (2006)	Existing-corpus reuse; no new coded maturity or inheritance level	Endnote 14	Perspectivist comparator; not a source for Relational Form or Reachability. Earlier source home: Paper 1b, endnote 8. See Paper 1c local note for its actual role.
PB11	P1c	Landauer (1991)	Existing-corpus reuse; no new coded maturity or inheritance level	Endnote 5	Physical provenance; embodiment necessary, not sufficient for RRP status. Earlier source home: Paper 1, endnote 5. See Paper 1c local note for its actual role.

Part ID	Paper	Source	Local status / compact grammar	Local anchor	Source-locked relation
PB15	P1c	Massimi (2022)	Existing-corpus reuse; no new coded maturity or inheritance level	Endnote 14	Perspectivist comparator; no automatic external technical inheritance. Earlier source home: Paper 1b, endnote 8. See Paper 1c local note for its actual role.
PB19	P1c	Rovelli (2015)	Existing-corpus reuse; no new coded maturity or inheritance level	Endnote 3	Physical-relative information comparator; no quantum formalism or interpretation imported. Earlier source home: Paper 1, endnote 2. See Paper 1c local note for its actual role.
PB22	P1c	Shannon (1948)	Existing-corpus reuse; no new coded maturity or inheritance level	Endnote 17	Existing channel-theoretic context; no calculation, semantic warrant or automatic F/DEP/1 transfer. Earlier source home: Paper 1a, endnote 3. See Paper 1c local note for its actual role.

6. Hold and exclusion branch-memory

The original three-paper hold/exclusion branch-memory remains unchanged. Paper 1c's row now records this bounded existing-corpus review and its material source limits; it is not a newly completed external discovery audit. No X code or other formal hold/exclusion classification is invented.

Paper	Candidate / family	Current control state	Reason / update condition
P1	Floridi (2008), Levels of Abstraction; Gibson ecological perception; Weinberger pragmatic information; MacKay information/meaning; Tishby-Pereira-Bialek Information Bottleneck; terminology-collision family for RRP/OP/OA/OR.	Holds: Floridi A3 C/SPEC/0 X6; Gibson A3 C/SPEC/0 X3-X6; Weinberger A3 C/CON-SPEC/0 X3; MacKay A2-A3 C/SPEC/0 X3; Information Bottleneck A3 C/SPEC/0 X3. Terminology collisions retained as X5 residual where relations differ.	Reopen only if Paper 1 itself develops general abstraction theory, ecological/perceptual availability, receiver-use/decision semantics, optimisation-based relevance, or a materially closer prior technical relation. Downstream fit alone is not an update condition. No material prior construct was found for RAS, RSD, RRP Set, or the Relational Access Principle.
P1a	Tanner & Swets (1954); Dretske (1981); Cheong et al. (2011); Heider/Gibson ecological-information lineage; Pattee/biosemiotic and semantic-information approaches.	Holds/exclusions retained from the P2v10-aligned audit: Tanner & Swets A1/X7; Dretske X6; Cheong et al. X3; Heider/Gibson A1/X7; Pattee/biosemiotic family X6.	Reopen only if Paper 1a develops a psychophysical decision criterion, expands signal into knowledge, makes biochemical channel capacity substantive, completes primary ecological-information comparison, or develops semantic/symbolic conditions at the primitive signal layer. None fired in P2v11.
P1b	Chang (2022), Realism for Realistic People; Morgan & Morrison (1999), Models as Mediators; philosophical aesthetic-realism literature.	Chang: Hold / A3 / C-CON-0. Morgan & Morrison: Hold / A2 / A-ADJ-0 / X3. Aesthetic-realism disciplinary family: Exclude / X5.	Reopen Chang if pragmatist/operational alternatives become a substantive Paper 1b comparator; Morgan & Morrison if scientific-model mediation becomes a separate section; aesthetic-realism only if aesthetic properties or judgement become a distinct target relation. None fired in P2v7.
P1c	Existing-corpus citation reuse; Plato attribution; empirical interpretation of the worked examples.	Source-only review now documented. No full protocol recovery, external discovery sweep or new coded hold/exclusion claim.	Reopen if a historical attribution is retained as scholarship, an illustration becomes a substantive empirical claim, or a new formal dependency/priority claim is proposed. Otherwise preserve the bounded compositional posture and the decisions in 3.1.

7. Part-level adjacency residual

This revision carries forward the historical discovery posture of Papers 1, 1a and 1b without expanding its searched fields. Paper 1c is reviewed as a compositional extension using the existing corpus. Its inherited architecture and six external citation reuses are locally documented. An external adjacency sweep for relational index, embodiment, reachability, Form or propagation is not claimed, and no absence of comparable scholarship is inferred.

The 22 original Part 2a external local relations and their codes are preserved; six bounded Paper 1c local uses bring the Issue 1 occurrence total to 28 without changing the 22 publication identities. Paper 1a's Shannon/Landauer/Parrondo physical-formal dependencies remain at their original home and recorded level 1. Paper 1c performs no new formal calculation and receives no automatic F/DEP/1 transfer or new Indexed Inheritance.

The historical no-further-material-adjacency statement applies only to its recorded search fields and conditions, not to Paper 1c. Non-English scholarship, inaccessible sources, terminology-independent formulations and unrecognised adjacency remain residual. The present source-only review adds no novelty or exhaustive-prior-art claim. Paper 1c's Plato attribution and the empirical limits of its illustrations remain visible in 3.1 and the released paper endnotes and retained source-reuse record.

8. Series handoff and release control

The released Part 2a register contains 22 external publication identities and 28 external local occurrences. Paper 1c's nine internal series references remain separately recoverable. Its 21 endnotes and 15 references are present in the frozen Issue 1 manuscript. Recorded Part 2a source locks are retained; current verification scope is stated in 0.1. Series handoff carries the existing-corpus review, unsupported historical-attribution limit and illustrative scope without converting them into verified scholarship or empirical results.

Release check	State	Control note
Paper-local recoverability	Verified in released paper	Paper 1c has 21 native endnotes and 15 references in the source-locked Issue 1 manuscript. The three earlier paper apparatus sets are preserved.
Bibliographic deduplication	Checked within supplied corpus	28 Part 2a external occurrences over 22 publication identities. Nine internal series references remain separate.
Cross-paper relation preservation	Preserved	All earlier local relations remain intact. Six Paper 1c uses are separately anchored and bounded.
Coded-status reconciliation	Historical posture retained	No new Paper 1c maturity, inheritance or exclusion code is invented; prose roles remain explicit.
Hold/exclusion branch-memory	Source-only record retained	Historical rows remain intact. Paper 1c's historical-attribution and illustration limits have explicit update conditions.
Inheritance anti-drift	Preserved	No publication gains dependency or Indexed Inheritance status by recurrence, composition or aggregation.

Release check	State	Control note
Adjacency residual	Explicit; no sweep claimed	The bounded compositional review does not establish originality or exhaustive coverage.
Series handoff	Released with explicit limits	Source locks and final hashes are propagated. Handoff retains the unsupported Plato attribution, illustrative scope and absence of a new external discovery sweep; no unresolved claim is represented as verified.

Release rule: changes to any Paper 1, 1a, 1b, or 1c technical or bibliographic content must be resolved at paper level before the relevant audit/delta check and Part deduplication are finalised. Final hashing follows the last saved edit. This support pass neither pre-installs external relations nor rewrites canonical ownership.

Part 2b - Knowledge, Intelligence, and Observation

Internal Part 2b support section. Papers 2, 3, 4, 4a, 4b, and 4c govern this region and inherit the Part 2a informational architecture. All paper-number references in this section use the current sequential numbering.

This internal Part 2b section preserves the controlled Part 2b consolidation layer required by the bibliographic protocol. It deduplicates bibliographic identity across the six papers while keeping the scholarly relation local to the paper in which that relation was earned. It is not a substitute bibliography for any paper, and it does not move citation authority upward merely because a source recurs across the Part.

The governing distinction is between bibliographic identity and relational use. One publication may appear once in the Part bibliography and still carry different paper-local relations. The relation register therefore preserves the maturity, class/tag/inheritance code, local locator, and non-inheritance boundary recorded by the paper-level audit apparatus rather than assigning one Part-wide meaning to the source.

No relation is strengthened by aggregation. The six historical Part 2b audit records carried by the supplied register report no new Indexed Inheritance or F-class dependency from their bibliography integration. This release preserves that coded posture and makes no new promotion; it does not independently rerun those external discovery sweeps.

Historical source-control record: the 2026-08-12 posture/delta check covered the then-current P2v8/P2v5/P2v8/P2v4/P2v5/P2v9 Part 2b papers, retained their admitted references and recorded the Anderson & Sharrock branch-memory clarification. This Issue 1 release checks reference-list and local-note correspondence against the released manuscripts and retains the earlier audit records. Current paper locks in 0.1 identify the frozen Issue 1 bytes; historical sha16 values certify neither those bytes nor a newly repeated audit.

Current Issue 1 delta: Paper 2, heading 3.3; Paper 4a, heading 2.4 (with corresponding abstract wording); and Paper 4c, heading 2.1 now distinguish Paper 1c Relational Reachability from grounded deployability, ingress and reliable program performance respectively. Paper 4c, headings 6.4-6.5 also acknowledges Paper 1c in the closing sequence. These are internal series references, not additional external-publication occurrences. Comparison with the preceding Issue 1 files confirms unchanged endnotes and reference lists in all three papers; the recorded external relation classifications, counts and historical audit posture are retained. No new external discovery sweep, audit-code assignment or inheritance promotion is claimed.

2. Consolidation architecture

Layer	Function	Control rule
Paper bibliography	Reader-facing local scholarly apparatus.	Full reference list plus local endnotes. The paper decides why a source is present.
Part bibliography	Deduplicated publication identity across six papers.	One record per publication with paper-occurrence markers; no flattening of local relations.
Relation register	Preserves the source-to-paper relation actually earned.	Use the paper audit maturity/class/tag/inheritance code and locator; no Part-level promotion by repetition.

Secondary to canonical papers. Primary papers govern technical use.

Layer	Function	Control rule
Cross-paper controls	Expose the two exact publication duplicates and other author/family recurrence.	Prevents repeated citation from becoming silent authority transfer or technical inheritance.
Hold / exclusion branch-memory	Carries material candidates not admitted locally.	Preserves update conditions so rejected/scoped material is not rediscovered without context.
Part residual	Carries limits of the six completed discovery sweeps upward.	No claim of exhaustive prior-art discovery; inaccessible, unsearched, or unrecognised adjacency remains residual.
Series handoff	Feeds the later Series Master Bibliography and dependency/provenance controls.	Deduplicate again at Series level while retaining every paper-local relation record.

Upward consolidation proceeds as: individual paper bibliography -> Part bibliography -> Series Master Bibliography. Bibliographic identity may be deduplicated at each layer; an indexed relation may not be collapsed merely for convenience.

3. Part 2b deduplicated publication bibliography

The following 36 entries are the union of the six current paper bibliographies after exact-publication deduplication. There are 38 paper-local occurrences and 36 unique publications. Only Ashby (1956) and Pattee (2001) recur as the same publication in more than one paper. Paper-occurrence markers are descriptive only and do not assign a Part-level class.

Part ID	Deduplicated bibliographic record	Paper(s)
PB01	Allen, T. F. H., & Giampietro, M. (2014). Holons, creaons, genons, environs, in hierarchy theory: Where we have gone. Ecological Modelling, 293, 31-41. https://doi.org/10.1016/j.ecolmodel.2014.06.017	P4b
PB02	Ashby, W. R. (1956). An introduction to cybernetics. Chapman & Hall.	P3; P4c
PB03	Bajcsy, R. (1988). Active perception. Proceedings of the IEEE, 76(8), 966–1005. https://doi.org/10.1109/5.5968	P4c
PB04	Batterman, R. W. (2013). The tyranny of scales. In R. W. Batterman (Ed.), The Oxford handbook of philosophy of physics (pp. 255-286). Oxford University Press. https://doi.org/10.1093/oxfordhb/9780195392043.013.0008	P4b
PB05	Bogen, J., & Woodward, J. (1988). Saving the phenomena. The Philosophical Review, 97(3), 303-352. https://doi.org/10.2307/2185445	P4

Part ID	Deduplicated bibliographic record	Paper(s)
PB06	Bohm, D., & Hiley, B. J. (1993). The undivided universe: An ontological interpretation of quantum theory. Routledge.	P3
PB07	Dretske, F. I. (1981). Knowledge and the flow of information. MIT Press.	P2
PB08	Elshatlawy, H., Rickles, D., Arsiwalla, X. D., & Blum, A. (2025). Towards a generalized theory of observers. arXiv:2504.16225. https://doi.org/10.48550/arXiv.2504.16225	P4
PB09	Floridi, L. (2008). The method of levels of abstraction. Minds and Machines, 18(3), 303–329. https://doi.org/10.1007/s11023-008-9113-7	P4a
PB10	Gibson, J. J. (1979). The ecological approach to visual perception. Houghton Mifflin.	P4a
PB11	Giere, R. N. (2006). Scientific perspectivism. University of Chicago Press.	P4a
PB12	Hanson, N. R. (1958). Patterns of discovery: An inquiry into the conceptual foundations of science. Cambridge University Press.	P4a
PB13	Haraway, D. (1988). Situated knowledges: The science question in feminism and the privilege of partial perspective. Feminist Studies, 14(3), 575–599. https://doi.org/10.2307/3178066	P4a
PB14	Hartle, J. B. (2021). What are the realities? arXiv:2112.10282. https://doi.org/10.48550/arXiv.2112.10282	P4
PB15	Hutchins, E. (1995). Cognition in the wild. MIT Press.	P3
PB16	Joint Committee for Guides in Metrology. (2012). International vocabulary of metrology - Basic and general concepts and associated terms (VIM) (3rd ed.; JCGM 200:2012). BIPM. https://doi.org/10.59161/JCGM200-2012	P4b
PB17	Legg, S., & Hutter, M. (2007). Universal intelligence: A definition of machine intelligence. Minds and Machines, 17(4), 391-444. https://doi.org/10.1007/s11023-007-9079-x	P3
PB18	Levin, S. A. (1992). The problem of pattern and scale in ecology: The Robert H. MacArthur Award Lecture. Ecology, 73(6), 1943-1967. https://doi.org/10.2307/1941447	P4b

Part ID	Deduplicated bibliographic record	Paper(s)
PB19	Longino, H. E. (1990). Science as social knowledge: Values and objectivity in scientific inquiry. Princeton University Press.	P4a
PB20	Massimi, M. (2022). Perspectival realism. Oxford University Press. https://doi.org/10.1093/oso/9780197555620.001.0001	P4a
PB21	Maturana, H. R. (1970). Biology of cognition. Biological Computer Laboratory Research Report BCL 9.0, University of Illinois, Urbana. Reprinted in H. R. Maturana & F. J. Varela (1980), Autopoiesis and Cognition: The Realization of the Living (pp. 5-58). D. Reidel.	P4
PB22	Nagel, T. (1986). The view from nowhere. Oxford University Press.	P4a
PB23	Pattee, H. H. (2001). The physics of symbols: Bridging the epistemic cut. BioSystems, 60(1-3), 5-21. https://doi.org/10.1016/S0303-2647(01)00104-6	P4; P4a
PB24	Popper, K. R. (1968). Epistemology without a knowing subject. In B. van Rootselaar & J. F. Staal (Eds.), Logic, Methodology and Philosophy of Science III (pp. 333-373). North-Holland. https://doi.org/10.1016/S0049-237X(08)71204-7	P2
PB25	Rasmussen, J. (1997). Risk management in a dynamic society: A modelling problem. Safety Science, 27(2–3), 183–213. https://doi.org/10.1016/S0925-7535(97)00052-0	P4c
PB26	Robinson, W. S. (1950). Ecological correlations and the behavior of individuals. American Sociological Review, 15(3), 351-357. https://doi.org/10.2307/2087176	P4b
PB27	Shannon, C. E. (1948). A mathematical theory of communication. Bell System Technical Journal, 27(3), 379–423; 27(4), 623–656. https://doi.org/10.1002/j.1538-7305.1948.tb01338.x; https://doi.org/10.1002/j.1538-7305.1948.tb00917.x	P4c
PB28	Shapere, D. (1982). The concept of observation in science and philosophy. Philosophy of Science, 49(4), 485-525. https://doi.org/10.1086/289075	P4

Part ID	Deduplicated bibliographic record	Paper(s)
PB29	Simpson, E. H. (1951). The interpretation of interaction in contingency tables. Journal of the Royal Statistical Society: Series B (Methodological), 13(2), 238-241. https://doi.org/10.1111/j.2517-6161.1951.tb00088.x	P4b
PB30	Stevens, S. S. (1946). On the theory of scales of measurement. Science, 103(2684), 677-680. https://doi.org/10.1126/science.103.2684.677	P4b
PB31	Theraulaz, G., & Bonabeau, E. (1999). A brief history of stigmergy. Artificial Life, 5(2), 97-116. https://doi.org/10.1162/106454699568700	P3
PB32	Tishby, N., Pereira, F. C., & Bialek, W. (1999). The information bottleneck method. Proceedings of the 37th Annual Allerton Conference on Communication, Control, and Computing, 368–377. https://arxiv.org/abs/physics/0004057	P4a
PB33	van Duijn, M., Keijzer, F., & Franken, D. (2006). Principles of minimal cognition: Casting cognition as sensorimotor coordination. Adaptive Behavior, 14(2), 157-170. https://doi.org/10.1177/105971230601400207	P3
PB34	Widmer, G., & Kubat, M. (1996). Learning in the presence of concept drift and hidden contexts. Machine Learning, 23(1), 69–101. https://doi.org/10.1007/BF00116900	P4c
PB35	Williamson, T. (2000). Knowledge and its limits. Oxford University Press.	P2
PB36	Woodward, J., & Hitchcock, C. (2003). Explanatory generalizations, Part I: A counterfactual account. Noûs, 37(1), 1–24. https://doi.org/10.1111/1468-0068.00426	P4c

4. Paper-local relation register

The relation register preserves the earned paper-local scholarly reasons. Maturity, class, relation tag, and inheritance values remain exactly as carried by the supplied support source; they are not newly assigned or externally re-audited here. The supplied paper reference lists and local endnote placements are checked for correspondence. Inheritance level remains 0 throughout this admitted Part 2b set.

Part ID	Paper	Maturity	Class / tag / inheritance	Local locator	Paper-local relation / boundary
PB24	P2	—	P / N-A / 0	§1.2 knowledge/possession, note 1	Provenance comparator: anti-possession move; no World 3 ontology or technical machinery inherited.
PB07	P2	A3	C / OVL / 0	§1.3 knowledge/belief, note 2	Examined overlap: information-grounded naturalisation; Paper 2 places minimal retained-distinction status below belief and semantic use.
PB35	P2	A3	C / CON / 0	§5.1 truth-status, note 3	Opposing comparator: factive mental-state knowledge versus fallible non-mental record-status.
PB33	P3	A3	C / OVL / 0	§1.3 broader than cognition, note 1	Examined overlap: lower-than-human cognition boundary; Paper 3 places applied distinction below cognition and permits non-biological loci.
PB15	P3	A3	C / OVL / 0	§3.1 locus, note 2	Examined overlap: distributed operational unit; locus remains attribution discipline, not distributed-mind ontology.
PB02	P3	A3	C / OVL / 0	§3.2 finite branch-space, note 3	Examined overlap: regulation, variety, finite alternatives; intelligence still requires applied distinction and comparator-stable dependence.

Part ID	Paper	Maturity	Class / tag / inheritance	Local locator	Paper-local relation / boundary
PB06	P3	—	P / N-A / 0	§4.3 active information, note 4	Terminological provenance only: external “active information” has different quantum-theoretic meaning; no Bohmian mechanism inherited.
PB31	P3	A3	C / APP / 0	§4.4 passive intelligence, note 5	Restricted application neighbour: externalised traces reused; Paper 3 generalises through producing-locus provenance plus present uptake.
PB17	P3	A3	C / CON / 0	§8.9 success, note 6	Opposing comparator: performance/goal-achievement measure versus distinction-conditioned dependence; success alone is insufficient.
PB28	P4	A3	C / OVL / 0	§1.2 bounded registration, note 1	Examined overlap: technically mediated observation; Paper 4 generalises below scientific practice through RRP/OP/OA/OR/RAS.
PB05	P4	A3	C / OVL / 0	§1.3 record-provenance, note 2	Examined overlap: produced data/record distinguished from stronger epistemic status; no data/phenomena framework inherited.
PB14	P4	A3	C / OVL / 0	§4.1-§4.2 observer architecture, note 3	Observer-architecture overlap: IGUS bundle decomposed into TO/OIP/NTO thresholds.

Part ID	Paper	Maturity	Class / tag / inheritance	Local locator	Paper-local relation / boundary
PB08	P4	A3	C / CON / 0	§4.3 status threshold, note 4	Competing minimal-observer threshold: action/feedback criterion versus persistent record-presence first.
PB21	P4	A3	C / OVL / 0	§5.3 life entails observer-locus, note 5	Biological-cognition precursor; Paper 4 derives observer-locus through its own life plus registration/retention architecture.
PB23	P4	A3	C / OVL / 0	§5.3 life entails observer-locus, note 5	Epistemic-cut precursor; no symbol/code architecture inherited into the observer-status derivation.
PB12	P4a	A3	C / OVL / 0	§1.2 abstraction, note 1	Examined overlap: structured/theory-laden observation; Paper 4a derives substrate-general abstraction from OA before OR.
PB10	P4a	A3	C / APP / 0	§2.4 biological perspective, note 5	Application comparator: organism-environment perceptual relation; guards against equating abstraction with internal symbolic representation.
PB23	P4a	A3	C / OVL / 0	§2.1 observational cut, note 2	Examined overlap in cut language; Paper 4a cut is local registerability, not symbol/dynamics code architecture.
PB09	P4a	A3	C / OVL / 0	§2.1 observational cut, note 2	Examined overlap: levels/observables; Paper 4a makes abstraction constitutive of finite observation rather than an analytical method only.

Part ID	Paper	Maturity	Class / tag / inheritance	Local locator	Paper-local relation / boundary
PB32	P4a	A3	C / SPEC / 0	§2.2 compression, note 3	Specialisation comparator: relevance-preserving compression; no information-bottleneck optimisation formalism inherited.
PB22	P4a	—	P / N-A / 0	§4.1 view from nowhere, note 6	Terminological/ philosophical provenance for the “view from nowhere”; wider philosophical architecture not adopted.
PB11	P4a	A3	C / OVL / 0	§2.4 perspective, note 4	Scientific perspectivism overlap; Paper 4a generalises perspective to any finite observation locus.
PB20	P4a	A3	C / OVL / 0	§2.4 perspective, note 4	Perspectival realism overlap; Paper 4a adds substrate-general cut, record, comparator, and residual conditions.
PB13	P4a	A3	C / OVL / 0	§2.4 perspective, note 4	Situated partial-perspective overlap; distinct from the paper’s substrate-general observation architecture.
PB19	P4a	A3	C / SPEC / 0	§4.5 cross-locus correction, note 7	Specialisation comparator: critical social correction; plurality alone does not establish objectivity.
PB30	P4b	A3	C / OVL / 0	§1.3 scale not size/unit/choice, note 1	Measurement-scale comparator: legitimate operations depend on comparability structure; Paper 4b asks the prior operative-scale question.

Part ID	Paper	Maturity	Class / tag / inheritance	Local locator	Paper-local relation / boundary
PB01	P4b	A2	A / ADJ / 0	§1.4 perspective fixes scale, note 2	Acknowledged adjacency: level-sensitive system description; hierarchy-theory machinery not inherited.
PB16	P4b	A3	C / CON / 0	§4.5 broad measurement, note 3	Opposing scope comparator: technical quantity-valued metrology versus Paper 4b's broader scale-governed registration use.
PB18	P4b	A3	C / OVL / 0	§5.5 cross-scale translation, note 4	Cross-scale overlap: relations may not export across scale; ecology-specific machinery not inherited.
PB04	P4b	A3	C / OVL / 0	§5.5 scalar bridge, note 4	Scalar-bridge overlap: lower-scale grounding does not automatically yield target-scale explanation.
PB26	P4b	A3	C / APP / 0	§6.3 comparator pressure, note 5	Restricted statistical application showing aggregation can change apparent relation; not a general Scale Gap theory.
PB29	P4b	A3	C / APP / 0	§6.3 comparator pressure, note 5	Restricted statistical application showing grouping/decomposition can reverse association.
PB03	P4c	A3	C / OVL / 0	§1.3 observation program, note 1	Observation-program overlap: structured sensing pathway; Paper 4c permits minimal non-purposive programs and does not require action for TO.

Part ID	Paper	Maturity	Class / tag / inheritance	Local locator	Paper-local relation / boundary
PB36	P4c	A3	C / OVL / 0	§2.2 Counterfactual Horizon, note 2	Counterfactual-intervention overlap; CH bounds admissible comparator intervention and does not inherit interventionism as a causal theory.
PB27	P4c	A3	C / OVL / 0	§3.2 Observational Bandwidth, note 3	Channel-throughput comparator; OBW additionally requires observation-stack status and persistence/redeployability where claimed.
PB02	P4c	A3	C / OVL / 0	§3.4 Observational Gain, note 4	Cybernetic structural neighbour; OG is not requisite variety or regulatory success.
PB34	P4c	A3	C / APP / 0	§4.1 Observational Drift, note 5	Restricted-domain concept-drift application; ODr generalises mapping/deployment instability beyond adaptive learners.
PB25	P4c	A2	A / ADJ / 0	§4.4 drift-load-collapse dynamics, note 6	Acknowledged structural adjacency: dynamic pressure/boundary interactions; no observation-status or OCx criterion inherited.

5. Cross-paper duplicate controls

Part ID	Publication	Papers	Cross-paper control
PB02	Ashby (1956), An introduction to cybernetics	P3; P4c	P3 uses Ashby as an examined comparator for finite branch-space and regulation; P4c uses the same publication as a comparator for Observational Gain. Neither use imports cybernetic regulation as the intelligence or observation definition.
PB23	Pattee (2001), The physics of symbols: Bridging the epistemic cut	P4; P4a	P4 uses Pattee in the life-entails-observer-locus comparison; P4a uses the same publication as an observational-cut comparator. Symbol/code architecture is not inherited in either paper.

Author-level recurrence without exact publication identity is not bibliographic duplication. For example, Woodward appears in different publications in Paper 4 and Paper 4c; those records remain distinct.

6. Hold and exclusion branch-memory

The following branch-memory is retained from the supplied account of the six historical source-locked audits and 2026-08-12 delta checks. Candidates remain non-admitted unless the relevant paper already admits them. Existing status and update conditions are preserved; Paper 1c thematic relevance does not reopen or promote an old candidate automatically.

Paper	Candidate / family	Current status	Reason for hold / exclusion	Update condition
P2	Vinod (2025), From Justified True Belief to Mnemonic Survival	Hold / A1 / X7	Unusually close recent retentional formulation; source-level comparison insufficient.	Reassess after stable publication or full source-level comparison sufficient for A2/A3.
P2	Holland (1974), Retained Knowledge	Hold / A1 / X7	Memory/retention neighbour appears to concern retention of already possessed knowledge rather than retention as primitive status.	Revisit if primary-text inspection establishes a closer discriminator relation.

Paper	Candidate / family	Current status	Reason for hold / exclusion	Update condition
P2	Floridi (2004), strongly semantic information	Hold / A2 / X6	Useful truth/semantic opposition but primarily an information comparator; Williamson is the cleaner local truth/factivity contrast.	Revisit if semantic truth conditions become a substantive local comparison.
P2	Campbell (1960), blind variation and selective retention	Hold / A2 / X6	Structural retention adjacency concerns knowledge growth/creative selection, not record-presence from prior registration.	Revisit if knowledge growth or selective-retention mechanism is added.
P2	Generic JTB/Gettier; neural engram; immunological memory; extended-mind families	Exclude / X2-X3-X6	Real neighbourhoods but not required for minimum-sufficient primitive-discriminator recovery.	Reopen only if a family becomes technically load-bearing.
P3	Clark & Chalmers (1998), The Extended Mind	Hold / A3 / C-OVL-0 / X3	Genuine external-coupling/locus neighbour but locally redundant with Hutchins.	Revisit if external artefact coupling or boundary criteria become technical.
P3	Zahedi & Ay (2013), Quantifying Morphological Computation	Hold / A2 / C-APP-0 / X6	Morphology/behaviour contribution does not establish made-distinction provenance or present application.	Revisit if inherited morphology becomes formal rather than illustrative.
P3	Kolchinsky & Wolpert (2018), Semantic Information, Autonomous Agency and Nonequilibrium Statistical Physics	Hold / A3 / C-OVL-0 / X6	Strong counterfactual information/agency neighbour but closer to life/semantic-information questions.	Revisit if value, viability, semantic information, or self-maintenance becomes a direct comparator.
P3	Klyubin, Polani & Nehaniv (2005), Empowerment	Hold / A2 / C-APP-0 / X6	Formal option-space/control neighbour; measures potential channel capacity rather than realised application of a particular distinction.	Revisit if branch-space potential becomes a quantitative intelligence descriptor.
P3	Fang et al. (2026), RobotEQ	Exclude / X5	Exact passive/active intelligence labels but different underlying relations; fails translation test.	Revisit only for terminology-history work.
P4	Everett (1957), Relative State formulation	Hold / A2 / X3	Historical observer-machine/record precursor but locally redundant after closer Hartle/generalized-observer comparators.	Revisit if quantum-observer genealogy becomes substantive.

Paper	Candidate / family	Current status	Reason for hold / exclusion	Update condition
P4	Jaroszkiewicz (2010), dynamical theory of observation	Hold / A1 / X3 / X6	Formal detector/register neighbour, narrower quantum/classical apparatus problem.	Revisit if formal detector-network dynamics becomes load-bearing.
P4	Second-order cybernetics; distributed cognition; basal/minimal cognition families	Scoped hold / X6	Real neighbourhoods with stronger local homes in intelligence or later perspective extensions.	Reopen if reflexivity, distributed observer structure, or cognition lineage becomes technical.
P4a	Barad (2007), Meeting the Universe Halfway	Hold / A2 / A-ADJ-0 / X3-X6	Agential-cut/apparatus adjacency is real, but wider ontology exceeds the local observational cut.	Revisit if observer/apparatus co-constitution becomes a separate argument.
P4a	Prophet & Pritchard (2015), Performative Apparatus and Diffractive Practices	Hold / A2 / A-ADJ-0 / X3-X6	Uses observational-cut language in ALife; locally redundant with Pattee plus Barad branch-memory.	Revisit for terminology history or ALife observer/apparatus relations.
P4a	Anderson & Sharrock archive, “problem of the abstraction gap”	Hold / A1-A2 / X7	Exact terminology and relational adjacency are now verified in the authors' archive, but the material is unpublished/preliminary and formal publication identity/maturity remains insufficient for reader-facing admission.	Promote only after a stable formal publication identity, or equivalent publication-level source, is established and the relation still survives source-level scope comparison.
P4a	Generic robustness/model-comparison and wider theory-ladenness families	Exclude / X3-X6	Real methodological neighbourhoods but locally redundant once current comparator set is represented.	Reopen if robustness, model pluralism, or theory-ladenness becomes technically load-bearing.
P4b	Bar-Yam (2004), Multiscale Variety in Complex Systems	Hold / A2 / C-OVL-0 / X3	Genuine scale-dependent response/complexity neighbour but redundant with Levin and Batterman for current scope.	Revisit if scale-dependent complexity or quantitative envelope descriptors are formalised.
P4b	Chang (2004), Inventing Temperature	Hold / A2 / C-OVL-0 / X3	Strong calibration/correction neighbour but not needed after Stevens and VIM delimit measurement theory/metrology.	Revisit if calibration or historical operationalisation becomes substantive.

Paper	Candidate / family	Current status	Reason for hold / exclusion	Update condition
P4c	Scheffer et al. (2009), Early-warning signals for critical transitions	Hold / A2 / X6	Regime-transition/tipping neighbour to OCx, but mathematically stronger and narrower.	Revisit if pre-collapse indicators, critical slowing down, bifurcation, or tipping prediction are developed.
P4c	Kalman (1960) / control-theoretic observability family	Hold / A1 / X5 / X6	Formal/terminological adjacency concerns state reconstructibility from outputs rather than observation-program performance.	Revisit if state reconstruction becomes a formal component.
P4c	Howard (1966), Information Value Theory	Exclude / X5	Decision/economic value of information is not comparator-relative Observational Gain.	Revisit only if OG is reformulated as utility/value.
P4c	Signal-detection / psychophysical threshold family	Scoped hold / X6	Relevant to discrimination/reliability but has stronger upstream home in Part 2a signal/noise control.	Reopen if RF becomes an explicit signal-detection or psychophysical section.

7. Part adjacency residual

The six historical sweeps are described in the supplied register as covering their principal protocol neighbourhoods without exhaustiveness. Those scope limits are retained, not independently reverified by an external search for this release. They do not extend to the Paper 1c source-only review.

Paper	Swept neighbourhoods	Remaining residual
P2	Naturalised/info-theoretic epistemology; knowledge-first/factive epistemology; objective knowledge; memory/retention; semantic information; selective retention; biological/neural/external memory.	Non-English scholarship, inaccessible monographs/articles, specialist memory sciences, and terminology-independent formulations remain non-exhaustively searched.
P3	Machine-intelligence definitions; minimal cognition; cybernetics; distributed cognition; stigmergy; morphological computation; semantic information/agency; empowerment; active-information terminology.	Large general intelligence-definition literature, specialist evolutionary-developmental work, non-English and inaccessible sources, and terminology-independent formulations remain residual.
P4	Scientific observation; data/phenomena; physical/quantum observers; IGUS; generalized observers; cybernetics; biological cognition; epistemic cut; detector/register approaches.	Specialist quantum-observer, cybernetic proceedings, non-English and inaccessible specialist literature, and terminology-independent formulations remain residual.
P4a	Theory-laden observation; ecological perception; epistemic/agential cuts; levels of abstraction; compression; perspectivism; situated knowledge; social objectivity; ALife apparatus work.	Deeper phenomenology, STS/apparatus traditions, robustness/model pluralism, non-English and inaccessible literature, and unidentified abstraction theories remain residual.

Paper	Swept neighbourhoods	Remaining residual
P4b	Measurement-scale theory/metrology; hierarchy; multiscale ecology; philosophy of physics/upscaling; aggregation/ecological inference; cross-scale objectivity.	Representational measurement theory, MAUP/grain-extent literatures, engineering multiscale modelling, institutional measurement, non-English and inaccessible sources remain residual.
P4c	Active perception; interventionism; channel capacity; cybernetics; concept drift; socio-technical risk; critical transitions; observability; value-of-information; signal detection.	Reliability/fault diagnosis, human factors/psychophysics, sensor networks/metrology, non-English and inaccessible proceedings/monographs, and terminology-independent analogues remain residual.

Historical Part 2b residual: the recorded sweeps did not claim exhaustive non-English, inaccessible, terminology-independent, or formal-neighbour coverage; their reported absence of a single external framework supplying the complete Part 2b sequence was a bounded source-control statement, not an originality proof. This release carries that residual forward and makes no new external-priority or originality finding.

8. Bibliographic and inheritance controls

Control	Rule
Citation does not transfer warrant	A publication remains evidence of a recoverable relation, not authority for the paper's discriminator.
Adjacency does not imply inheritance	A2/A3 relations remain adjacency/comparator relations unless a separate inheritance audit promotes them.
No new Indexed Inheritance	All admitted relation rows remain inheritance level 0 in the six source audits; the 2026-08-12 posture/delta checks created no promotion.
No new F-class dependency	The six audits report no new formal/methodological dependency created by bibliography integration; the 2026-08-12 posture/delta checks created none.
Provenance remains local	P-class entries recover terminology or intellectual provenance without importing external machinery.
Comparator pressure remains local	C-class entries state overlap, contrast, application, or specialisation without becoming a Part-wide dependency.
Hash identity is mechanical	Recalculated hashes identify exact saved file instances. First-16 displays abbreviate SHA-256 values. The release manifest distinguishes verified full digests from the unchanged recorded locks for Papers 1, 1a and 1b, whose bytes were not supplied. Historical predecessor locks remain evidence only.

9. Series handoff

For Issue 1 whole-Part consolidation, there are now 66 external paper-local reference occurrences and 53 unique external publication identities: 28 occurrences over 22 Part 2a identities plus 38 occurrences over 36 Part 2b identities, with five exact cross-subpart identities. The increase from 60 to

66 is entirely six Paper 1c local reuses of existing works, not six new publications. Paper 1c's nine internal series references are counted separately. The historical codes of the original 60 relations are unchanged; the six new local uses have bounded roles but no newly assigned audit codes.

The four support documents are released as separate Issue 1 files, all bound to the same ten-paper baseline. SD-01, SD-02 and SD-03 now identify the released apparatus-bearing Paper 1c, while this SD-04 preserves its local citation roles and source limits. The directional control chain is SD-01 -> SD-02 -> SD-03 -> SD-04. Each document embeds only predecessor-support locks; the companion manifest distinguishes recalculated full SHA-256 digests from the three unchanged paper locks carried forward without byte verification. Any later saved edit requires renewed downstream reconciliation.

10. Release checklist

Checklist item	Required condition
Current paper lock and delta state	Paper 1c and all six Part 2b digests are recalculated from available bytes, using the reissued Papers 2, 4a and 4c. Papers 1, 1a and 1b retain their recorded locks without fresh verification. The internal-reference delta is recorded; historical external audits are not rerun.
Directional support dependency	SD-01 -> SD-02 -> SD-03 -> SD-04; no circular hash dependency is introduced.
Paper-local authority	Endnotes, references, and audit records remain authoritative for why a publication is present in a paper.
Deduplication	36 unique publication identities from 38 local occurrences; exact duplicates limited to Ashby (1956) and Pattee (2001).
Inheritance	No new Indexed Inheritance and no new F-class dependency created by the bibliography audits.
Branch-memory	Held, excluded, and scoped candidates remain recoverable with update conditions; Anderson & Sharrock branch-memory is clarified without publication promotion.
Residual	Preserve historical search limits and the distinction between Paper 1c's completed existing-corpus review and an unperformed external discovery sweep. Make no complete ten-paper prior-art claim.
Hash discipline	Any later saved edit to a source-locked file requires a new hash and downstream reconciliation, regardless of whether the nominal version changes.
Visual QA	Tables, headers, footers, page breaks, and glyphs must render cleanly before delivery.
Paper 1c closure	Apparatus verified in the frozen manuscript. Carry its bounded relation roles, endnote 10 historical-attribution limit and the illustrative evidence limits in Part 2a 3.1. The support release does not revise the paper or treat an unsupported attribution as established.

Checklist item	Required condition
Issue 1 release state	Clean Issue 1 support reissues; all four identify the same ten-paper baseline with the limited Part 2b integrations. Source registers and directional predecessor-support locks are reconciled. Verified full digests, retained-source identities and carried-forward lock limitations are distinguished in the companion manifest.

Part-level consolidation note

Historical record: the 2026-08-12 audit-reconciled consolidation, 23 September 2026 Pass 1 review and existing-corpus Paper 1c apparatus review are retained. This Issue 1 reconciliation records the limited internal Paper 1c references in Papers 2, 4a and 4c and confirms their unchanged endnotes and reference lists. External publication identities, paper-local scholarly relations, historical codes and hold/exclusion records are preserved. The verification scope in 0.1 separates recalculated digests from carried-forward locks; no external discovery sweep or further paper edit is made.