Master Bibliography and Relation Register

General Organisation Theory | Parts 1–3 | Issue 1 | 25 September 2026

This register consolidates 178 part and subpart publication records into 166 publication identities while retaining all 196 paper-local relation records. Publication identity, relational use, hold status and search residual remain separate control objects.

Control field	Value
Document ID	GOT-V1-MSD04
Authority	Series support consolidation. Canonical definitions remain with the owning Part 1, 2 or 3 paper.
Scope	Part 0 is the storage location only. Part 0 content, essays and TET are outside this canon. The deferred Toolkit contributes no active content.
Source control	Twelve Issue 1 part-level support documents; 21 current technical papers. Current hashes and source paths are recorded in MSD00 and the companion manifest.

Contents Bibliographic control rules • Canonical paper key • Deduplicated publication identities • Cross part identity matches • Paper local relation register • Local identity and relation controls • Hold exclusion and residual register • Local discovery boundaries • Inheritance and maintenance controls

Source locators identify the original support document, table and data row. T01 is the first top-level table; R01 is its first data row after the header. Local Paper and PB labels retain the scope shown alongside them.

Bibliographic control rules

A publication receives one MB identity when its DOI or explicit author, title, year and edition identity agrees. Repeated citation does not strengthen a scholarly relation or create Indexed Inheritance. Source citation variants are retained where supplied records differ; no bibliographic correction or external verification is implied by this consolidation.

Historical maturity, class, relation-tag and inheritance codes are carried exactly as recorded. Paper 2a-1c's prose-only reuse roles remain prose-only. GOT-SD-BIB-01 is referenced by the inputs, but its absent full code system is not reconstructed here. Missing maturity is shown as recorded, not inferred.

Canonical paper key

Local scope	Local label	Canonical identifier
Part 1	Paper 1 / Paper 2 / Paper 3	GOT-V1-1-1 / GOT-V1-1-2 / GOT-V1-1-3
Part 2a	Paper 1 / 1a / 1b / 1c	GOT-V1-2a-1 / 2a-1a / 2a-1b / 2a-1c
Part 2b	Paper 2 / 3 / 4 / 4a / 4b / 4c	GOT-V1-2b-2 / 2b-3 / 2b-4 / 2b-4a / 2b-4b / 2b-4c
Part 3	3a-1 through 3c-8	Prefix the local key with GOT-V1-; retain the full 3a, 3b or 3c section key.

Inherited Part 1 means Part 1 ownership even when the row is used in Part 2 or Part 3. A bridge, handoff or inherited entry does not create a new canonical home. MSD00 maps P1-SD01 through P3-SD04 to exact input filenames.

Deduplicated publication identities

MB001 to MB035

Master ID	Bibliographic record	Local identities and paper occurrences
MB001	Albantakis, L., Marshall, W., Hoel, E., & Tononi, G. (2019). What caused what? A quantitative account of actual causation using dynamical causal networks. Entropy, 21(5), 459. https://doi.org/10.3390/e21050459	P3:PB01 | 3b-3 P3-SD04 T07 R01
MB002	Albantakis, L., & Tononi, G. (2015). The intrinsic cause-effect power of discrete dynamical systems—From elementary cellular automata to adapting animats. Entropy, 17(8), 5472-5502. https://doi.org/10.3390/e17085472	P3:PB02 | 3b-3, 3c-8 P3-SD04 T07 R02
MB003	Alfano, M. (2016). The topology of communities of trust. Sotsiologicheskoe Obozrenie, 15(4), 30-56. https://doi.org/10.17323/1728-192X-2016-4-30-56	P3:PB03 | 3b-5 P3-SD04 T07 R03
MB004	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	P2b:PB01 | P4b P2-SD04 T14 R01
MB005	Ashby, W. R. (1956). An introduction to cybernetics. Chapman & Hall.	P2b:PB02 | P3; P4c P2-SD04 T14 R02
MB006	Baier, A. (1986). Trust and antitrust. Ethics, 96(2), 231-260. https://doi.org/10.1086/292745	P3:PB04 | 3b-5 P3-SD04 T07 R04
MB007	Bajcsy, R. (1988). Active perception. Proceedings of the IEEE, 76(8), 966–1005. https://doi.org/10.1109/5.5968	P2b:PB03 | P4c P2-SD04 T14 R03
MB008	Baron, J., & Hershey, J. C. (1988). Outcome bias in decision evaluation. Journal of Personality and Social Psychology, 54(4), 569–579. https://doi.org/10.1037/0022-3514.54.4.569	P3:PB05 | 3c-6 P3-SD04 T07 R05
MB009	Bartlett, S. J. (2024). Causal leverage density: A general approach to semantic information. arXiv:2407.07335. https://doi.org/10.48550/arXiv.2407.07335	P1:PB01 | P1 P1-SD04 T04 R01 P3:PB06 | 3b-3 P3-SD04 T07 R06
MB010	Barwise, Jon, and Jerry Seligman. Information Flow: The Logic of Distributed Systems. Cambridge Tracts in Theoretical Computer Science 44. Cambridge: Cambridge University Press, 1997.	P2a:PB01 | P1; P1c P2-SD04 T06 R01
MB011	Bateson, G. (1972). Steps to an ecology of mind: Collected essays in anthropology, psychiatry, evolution, and epistemology. Chandler Publishing Company.	P2a:PB03 | P1a P2-SD04 T06 R03
MB012	Bateson, Gregory. "Form, Substance and Difference." General Semantics Bulletin 37 (1970): 5-13.	P2a:PB02 | P1 P2-SD04 T06 R02

Master ID	Bibliographic record	Local identities and paper occurrences
MB013	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	P2b:PB04 | P4b P2-SD04 T14 R04
MB014	Benoist, J. (2021). Toward a Contextual Realism. Harvard University Press.	P2a:PB04 | P1b P2-SD04 T06 R04
MB015	Bensusan, H. (2021). Indexicalism: The Metaphysics of Paradox. Edinburgh University Press.	P2a:PB05 | P1b P2-SD04 T06 R05
MB016	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	P2a:PB06 | P1a P2-SD04 T06 R06
MB017	Bernat, J. L., Culver, C. M., & Gert, B. (1981). On the definition and criterion of death. Annals of Internal Medicine, 94(3), 389-394. https://doi.org/10.7326/0003-4819-94-3-389	P1:PB02 | P2 P1-SD04 T04 R02
MB018	Bhaskar, R. (2008). A Realist Theory of Science. Routledge. (Original work published 1975).	P2a:PB07 | P1b P2-SD04 T06 R07
MB019	Bloomfield, R., & Rushby, J. (2022). Assessing Confidence with Assurance 2.0 (CSL Technical Report SRI-CSL-2022-02). SRI International.	P3:PB07 | 3c-6 P3-SD04 T07 R07
MB020	Bogen, J., & Woodward, J. (1988). Saving the phenomena. The Philosophical Review, 97(3), 303-352. https://doi.org/10.2307/2185445	P2b:PB05 | P4 P2-SD04 T14 R05
MB021	Bohm, D., & Hiley, B. J. (1993). The undivided universe: An ontological interpretation of quantum theory. Routledge.	P2b:PB06 | P3 P2-SD04 T14 R06
MB022	Bowker, G. C., & Star, S. L. (1999). Sorting Things Out: Classification and Its Consequences. MIT Press.	P3:PB08 | 3c-6 P3-SD04 T07 R08
MB023	Cartwright, N. (1989). Nature’s capacities and their measurement. Clarendon Press.	P3:PB09 | 3b-3 P3-SD04 T07 R09
MB024	Cartwright, N., Hardie, J., Montuschi, E., Soleiman, M., & Thresher, A. C. (2022). The tangle of science: Reliability beyond method, rigour, and objectivity. Oxford University Press. https://doi.org/10.1093/oso/9780198866343.001.0001	P3:PB10 | 3c-8 P3-SD04 T07 R10
MB025	Chalmers, D. J. (1996). Does a rock implement every finite-state automaton? Synthese, 108(3), 309-333. https://doi.org/10.1007/BF00413692	P1:PB03 | P1 P1-SD04 T04 R03
MB026	Chamberlin, T. C. (1890). The method of multiple working hypotheses. Science, 15(366), 92-96. https://doi.org/10.1126/science.ns-15.366.92	P3:PB11 | 3a-2 P3-SD04 T07 R11
MB027	Chockler, H., & Halpern, J. Y. (2004). Responsibility and blame: A structural-model approach. Journal of Artificial Intelligence Research, 22, 93-115. https://doi.org/10.1613/jair.1391	P3:PB12 | 3b-4, 3c-8 P3-SD04 T07 R12
MB028	Cihon, P., Kleinaltenkamp, M. J., Schuett, J., & Baum, S. D. (2021). AI certification: Advancing ethical practice by reducing information asymmetries. IEEE Transactions on Technology and Society, 2(4), 200-209.	P3:PB13 | 3c-7 P3-SD04 T07 R13

Master ID	Bibliographic record	Local identities and paper occurrences
MB029	Cleland, C. E., & Chyba, C. F. (2002). Defining 'life'. Origins of Life and Evolution of the Biosphere, 32(4), 387-393. https://doi.org/10.1023/A:1020503324273	P1:PB04 | P1 P1-SD04 T04 R04
MB030	Dahl, R. A. (1957). The concept of power. Behavioral Science, 2(3), 201-215. https://doi.org/10.1002/bs.3830020303	P3:PB14 | 3b-3 P3-SD04 T07 R14
MB031	Deacon, T. W., Srivastava, A., & Bacigalupi, J. A. (2014). The transition from constraint to regulation at the origin of life. Frontiers in Bioscience (Landmark Edition), 19(6), 945-957. https://doi.org/10.2741/4259	P1:PB05 | P1 P1-SD04 T04 R05
MB032	Diener, T. O. (1971). Potato spindle tuber "virus": IV. A replicating, low molecular weight RNA. Virology, 45(2), 411-428. https://doi.org/10.1016/0042-6822(71)90342-4	P1:PB06 | P3 P1-SD04 T04 R06
MB033	Douglas, H. E. (2000). Inductive risk and values in science. Philosophy of Science, 67(4), 559-579. https://doi.org/10.1086/392855	P3:PB15 | 3a-2 P3-SD04 T07 R15
MB034	Doulcier, G., Takacs, P., & Bourrat, P. (2024). Evolutionary transitions in individuality and life cycle closure. Philosophy of Science, 91(5), 1393-1403. https://doi.org/10.1017/psa.2023.162	P1:PB07 | P2 P1-SD04 T04 R07
MB035	Recorded form 1 [P2a:PB08] Dretske, Fred I. Knowledge and the Flow of Information. Cambridge, MA: MIT Press, 1981. Recorded form 2 [P2b:PB07] Dretske, F. I. (1981). Knowledge and the flow of information. MIT Press.	P2a:PB08 | P1 P2-SD04 T06 R08 P2b:PB07 | P2 P2-SD04 T14 R07

MB036 to MB070

Master ID	Bibliographic record	Local identities and paper occurrences
MB036	Elish, M. C. (2019). Moral crumple zones: Cautionary tales in human-robot interaction. Engaging Science, Technology, and Society, 5, 40-60. https://doi.org/10.17351/ests2019.260	P3:PB16 | 3b-4 P3-SD04 T07 R16
MB037	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	P2b:PB08 | P4 P2-SD04 T14 R08
MB038	England, J. L. (2015). Dissipative adaptation in driven self-assembly. Nature Nanotechnology, 10, 919-923. https://doi.org/10.1038/nnano.2015.250	P1:PB08 | P1 P1-SD04 T04 R08
MB039	Fearnley, L. C. A. (2026). Causal responsibility through omission. American Philosophical Quarterly, 63(3), 281-294. https://doi.org/10.5406/21521123.63.3.06	P3:PB17 | 3b-4 P3-SD04 T07 R17
MB040	Fischhoff, B. (1975). Hindsight ≠ foresight: The effect of outcome knowledge on judgment under uncertainty. Journal of Experimental Psychology: Human Perception and Performance, 1(3), 288-299. https://doi.org/10.1037/0096-1523.1.3.288	P3:PB18 | 3a-2 P3-SD04 T07 R18

Master ID	Bibliographic record	Local identities and paper occurrences
MB041	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	P2b:PB09 | P4a P2-SD04 T14 R09
MB042	Forterre, P. (2011). Manipulation of cellular syntheses and the nature of viruses: The virocell concept. Comptes Rendus Chimie, 14(4), 392-399. https://doi.org/10.1016/j.crci.2010.06.007	P1:PB09 | P2; P3 P1-SD04 T04 R09
MB043	Gambetta, D. (1988). Can we trust trust? In D. Gambetta (Ed.), Trust: Making and breaking cooperative relations (pp. 213-237). Basil Blackwell.	P3:PB19 | 3b-5 P3-SD04 T07 R19
MB044	Gebru, T., Morgenstern, J., Vecchione, B., Vaughan, J. W., Wallach, H., Daumé III, H., & Crawford, K. (2021). Datasheets for datasets. Communications of the ACM, 64(12), 86–92. https://doi.org/10.1145/3458723	P3:PB20 | 3c-6 P3-SD04 T07 R20
MB045	Gibson, J. J. (1979). The ecological approach to visual perception. Houghton Mifflin.	P2b:PB10 | P4a P2-SD04 T14 R10
MB046	Recorded form 1 [P2a:PB09] Giere, R. N. (2006). Scientific Perspectivism. University of Chicago Press. Recorded form 2 [P2b:PB11] Giere, R. N. (2006). Scientific perspectivism. University of Chicago Press.	P2a:PB09 | P1b; P1c P2-SD04 T06 R09 P2b:PB11 | P4a P2-SD04 T14 R11
MB047	Gillespie, N., & Dietz, G. (2009). Trust repair after an organization-level failure. Academy of Management Review, 34(1), 127-145. https://doi.org/10.5465/amr.2009.35713319	P3:PB21 | 3b-5 P3-SD04 T07 R21
MB048	Gilly, T. (2026). Reviewed for quality and security: Advertising injection through a verified connector, trust laundering, and the limits of directory verification. SSRN. https://doi.org/10.2139/ssrn.7130058	P3:PB22 | 3b-5 P3-SD04 T07 R22
MB049	Gödel, K. (1931). Über formal unentscheidbare Sätze der Principia Mathematica und verwandter Systeme I. Monatshefte für Mathematik und Physik, 38, 173-198. https://doi.org/10.1007/BF01700692	P3:PB23 | 3a-1 P3-SD04 T07 R23
MB050	Green, J., Hoehler, T., Neveu, M., Domagal-Goldman, S., Scalice, D., & Voytek, M. (2021). Call for a framework for reporting evidence for life beyond Earth. Nature, 598, 575-579. https://doi.org/10.1038/s41586-021-03804-9	P1:PB10 | P3 P1-SD04 T04 R10
MB051	Gross, M. (2007). The unknown in process: Dynamic connections of ignorance, non-knowledge and related concepts. Current Sociology, 55(5), 742-759. https://doi.org/10.1177/0011392107079928	P3:PB24 | 3a-2 P3-SD04 T07 R24
MB052	Habets, D., Rietveld, E., Kiverstein, J., & Denys, D. (2024). Trusted urban places. Adaptive Behavior, 32(5), 421-438. https://doi.org/10.1177/10597123241229735	P3:PB25 | 3b-5 P3-SD04 T07 R25
MB053	Hanson, N. R. (1958). Patterns of discovery: An inquiry into the conceptual foundations of science. Cambridge University Press.	P2b:PB12 | P4a P2-SD04 T14 R12
MB054	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	P2b:PB13 | P4a P2-SD04 T14 R13
MB055	Hardwig, J. (1991). The role of trust in knowledge. The Journal of Philosophy, 88(12), 693-708. https://doi.org/10.2307/2027007	P3:PB26 | 3b-5 P3-SD04 T07 R26

Master ID	Bibliographic record	Local identities and paper occurrences
MB056	Hart, H. L. A. (1961). The Concept of Law. Clarendon Press.	P3:PB27 | 3c-7 P3-SD04 T07 R27
MB057	Hart, H. L. A. (1968). Punishment and responsibility: Essays in the philosophy of law. Clarendon Press.	P3:PB28 | 3b-4 P3-SD04 T07 R28
MB058	Hartle, J. B. (2021). What are the realities? arXiv:2112.10282. https://doi.org/10.48550/arXiv.2112.10282	P2b:PB14 | P4 P2-SD04 T14 R14
MB059	Hawley, K. (2014). Trust, distrust and commitment. Noûs, 48(1), 1-20. https://doi.org/10.1111/nous.12000	P3:PB29 | 3b-5 P3-SD04 T07 R29
MB060	Hirschman, A. O. (1970). Exit, voice, and loyalty: Responses to decline in firms, organizations, and states. Harvard University Press.	P3:PB30 | 3c-7 P3-SD04 T07 R30
MB061	Hordijk, W., & Steel, M. (2015). Autocatalytic sets and boundaries. Journal of Systems Chemistry, 6, Article 1. https://doi.org/10.1186/s13322-014-0006-2	P1:PB11 | P1 P1-SD04 T04 R11
MB062	Horsman, C., Stepney, S., Wagner, R. C., & Kendon, V. (2014). When does a physical system compute? Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 470(2169), 20140182. https://doi.org/10.1098/rspa.2014.0182	P1:PB12 | P1 P1-SD04 T04 R12
MB063	Huh, D., Matthews, B. D., Mammoto, A., Montoya-Zavala, M., Hsin, H. Y., & Ingber, D. E. (2010). Reconstituting organ-level lung functions on a chip. Science, 328(5986), 1662-1668. https://doi.org/10.1126/science.1188302	P1:PB13 | P3 P1-SD04 T04 R13
MB064	Hu, J., Huang, X., He, Q., Sun, Y., Dong, Y., & Huang, X. (2026). Responsible agentic AI requires explicit provenance. arXiv:2605.17169. https://doi.org/10.48550/arXiv.2605.17169	P3:PB31 | 3b-4 P3-SD04 T07 R31
MB065	Humphreys, P. (2009). The philosophical novelty of computer simulation methods. Synthese, 169(3), 615-626. https://doi.org/10.1007/s11229-008-9435-2	P3:PB32 | 3a-1 P3-SD04 T07 R32
MB066	Husserl, E. (1982). Ideas pertaining to a pure phenomenology and to a phenomenological philosophy, first book: General introduction to a pure phenomenology (F. Kersten, Trans.). Martinus Nijhoff. https://doi.org/10.1007/978-94-009-7445-6	P3:PB33 | 3a-1 P3-SD04 T07 R33
MB067	Hutchins, E. (1995). Cognition in the wild. MIT Press.	P2b:PB15 | P3 P2-SD04 T14 R15 P3:PB34 | 3a-1 P3-SD04 T07 R34
MB068	Ionescu, T. B., Schlund, S., & Schmidbauer, C. (2019). Epistemic debt: A concept and measure of technical ignorance in smart manufacturing. In I. L. Nunes (Ed.), Advances in Human Factors and Systems Interaction (pp. 81–93). Springer. https://doi.org/10.1007/978-3-030-20040-4_8	P3:PB35 | 3c-6 P3-SD04 T07 R35

Master ID	Bibliographic record	Local identities and paper occurrences
MB069	Jeffries, K. M., Hinch, S. G., Donaldson, M. R., Gale, M. K., Burt, J. M., Thompson, L. A., Farrell, A. P., Patterson, D. A., & Miller, K. M. (2011). Temporal changes in blood variables during final maturation and senescence in male sockeye salmon Oncorhynchus nerka: Reduced osmoregulatory ability can predict mortality. Journal of Fish Biology, 79(2), 449-465. https://doi.org/10.1111/j.1095-8649.2011.03042.x	P1:PB14 | P3 P1-SD04 T04 R14
MB070	Johansson, I.-L., & Baldvinsdottir, G. (2003). Accounting for trust: Some empirical evidence. Management Accounting Research, 14(3), 219-234. https://doi.org/10.1016/S1044-5005(03)00045-3	P3:PB36 | 3b-5 P3-SD04 T07 R36

MB071 to MB105

Master ID	Bibliographic record	Local identities and paper occurrences
MB071	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	P2b:PB16 | P4b P2-SD04 T14 R16
MB072	Klyubin, A. S., Polani, D., & Nehaniv, C. L. (2005). Empowerment: A universal agent-centric measure of control. 2005 IEEE Congress on Evolutionary Computation, 1, 128-135. https://doi.org/10.1109/CEC.2005.1554676	P3:PB37 | 3b-3 P3-SD04 T07 R37
MB073	Knobloch, L. K., & Solomon, D. H. (1999). Measuring the sources and content of relational uncertainty. Communication Studies, 50(4), 261-278. https://doi.org/10.1080/10510979909388499	P3:PB38 | 3c-8 P3-SD04 T07 R38
MB074	Kolchinsky, A., & Wolpert, D. H. (2018). Semantic information, autonomous agency and non-equilibrium statistical physics. Interface Focus, 8(6), 20180041. https://doi.org/10.1098/rsfs.2018.0041	P1:PB42 | P1 P1-SD04 T04 R15
MB075	Krakauer, D., Bertschinger, N., Olbrich, E., Flack, J. C., & Ay, N. (2020). The information theory of individuality. Theory in Biosciences, 139(2), 209-223. https://doi.org/10.1007/s12064-020-00313-7	P1:PB15 | P2 P1-SD04 T04 R16
MB076	Kuhn, T. S. (1970). The structure of scientific revolutions (2nd ed., enlarged). University of Chicago Press.	P3:PB39 | 3a-1, 3a-2 P3-SD04 T07 R39
MB077	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	P1:PB16 | P1 P1-SD04 T04 R17 P2a:PB10 | P1a P2-SD04 T06 R10
MB078	Landauer, Rolf. "Information Is Physical." Physics Today 44, no. 5 (1991): 23-29. doi:10.1063/1.881299.	P2a:PB11 | P1; P1c P2-SD04 T06 R11
MB079	Latil, M., Rocheteau, P., Chatre, L., et al. (2012). Skeletal muscle stem cells adopt a dormant cell state post mortem and retain regenerative capacity. Nature Communications, 3, 903. https://doi.org/10.1038/ncomms1890	P1:PB17 | P3 P1-SD04 T04 R18

Master ID	Bibliographic record	Local identities and paper occurrences
MB080	Lee, J. D., & See, K. A. (2004). Trust in automation: Designing for appropriate reliance. Human Factors, 46(1), 50-80. https://doi.org/10.1518/hfes.46.1.50_30392	P3:PB40 | 3b-5 P3-SD04 T07 R40
MB081	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	P2b:PB17 | P3 P2-SD04 T14 R17
MB082	Lempert, R. J., Popper, S. W., & Bankes, S. C. (2003). Shaping the next one hundred years: New methods for quantitative, long-term policy analysis. RAND Corporation. https://doi.org/10.7249/MR1626	P3:PB41 | 3a-2 P3-SD04 T07 R41
MB083	Lennon, J. T., & Jones, S. E. (2011). Microbial seed banks: The ecological and evolutionary implications of dormancy. Nature Reviews Microbiology, 9(2), 119-130. https://doi.org/10.1038/nrmicro2504	P1:PB18 | P2; P3 P1-SD04 T04 R19
MB084	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	P2b:PB18 | P4b P2-SD04 T14 R18
MB085	Lewis, D. K. (1986). On the Plurality of Worlds. Basil Blackwell.	P2a:PB12 | P1b P2-SD04 T06 R12
MB086	Li, H. (2026). The calibration turn in AI-assisted research: A conceptual and methodological framework for evidence-licensed claims. arXiv:2606.31273.	P3:PB42 | 3c-6 P3-SD04 T07 R42
MB087	Lipsky, M. (1980). Street-Level Bureaucracy: Dilemmas of the Individual in Public Services. Russell Sage Foundation.	P3:PB43 | 3c-6 P3-SD04 T07 R43
MB088	Lipton, P. (2004). Inference to the best explanation (2nd ed.). Routledge.	P3:PB44 | 3a-2 P3-SD04 T07 R44
MB089	Lizier, J. T., Prokopenko, M., & Zomaya, A. Y. (2007). Detecting non-trivial computation in complex dynamics. In F. Almeida e Costa, L. M. Rocha, E. Costa, I. Harvey, & A. Coutinho (Eds.), Advances in artificial life: 9th European Conference, ECAL 2007 (Lecture Notes in Computer Science, Vol. 4648, pp. 895–904). Springer. https://doi.org/10.1007/978-3-540-74913-4_90	P1:PB43 | P1 P1-SD04 T04 R20
MB090	Longino, H. E. (1990). Science as social knowledge: Values and objectivity in scientific inquiry. Princeton University Press.	P2b:PB19 | P4a P2-SD04 T14 R19 P3:PB45 | 3c-7 P3-SD04 T07 R45
MB091	Luhmann, N. (1979). Trust and power: Two works (H. Davis, J. Raffan, & K. Rooney, Trans.). John Wiley & Sons.	P3:PB46 | 3b-5 P3-SD04 T07 R46
MB092	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	P2a:PB13 | P1a P2-SD04 T06 R13
MB093	Maddy, P. (1990). Realism in Mathematics. Clarendon Press.	P2a:PB14 | P1b P2-SD04 T06 R14

Master ID	Bibliographic record	Local identities and paper occurrences
MB094	Recorded form 1 [P2a:PB15] Massimi, M. (2022). Perspectival Realism. Oxford University Press. Recorded form 2 [P2b:PB20] Massimi, M. (2022). Perspectival realism. Oxford University Press. https://doi.org/10.1093/oso/9780197555620.001.0001	P2a:PB15 | P1b; P1c P2-SD04 T06 R15 P2b:PB20 | P4a P2-SD04 T14 R20
MB095	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.	P2b:PB21 | P4 P2-SD04 T14 R21
MB096	Mayo, D. G. (2018). Statistical inference as severe testing: How to get beyond the statistics wars. Cambridge University Press. https://doi.org/10.1017/9781107286184	P3:PB47 | 3c-8 P3-SD04 T07 R47
MB097	Merlo, L. M. F., Pepper, J. W., Reid, B. J., & Maley, C. C. (2006). Cancer as an evolutionary and ecological process. Nature Reviews Cancer, 6(12), 924-935. https://doi.org/10.1038/nrc2013	P1:PB19 | P3 P1-SD04 T04 R21
MB098	Merton, R. K. (1987). Three fragments from a sociologist's notebooks: Establishing the phenomenon, specified ignorance, and strategic research materials. Annual Review of Sociology, 13, 1-29. https://doi.org/10.1146/annurev.so.13.080187.000245	P3:PB48 | 3a-2 P3-SD04 T07 R48
MB099	Meyer, J. W., & Rowan, B. (1977). Institutionalized organizations: Formal structure as myth and ceremony. American Journal of Sociology, 83(2), 340-363. https://doi.org/10.1086/226550	P3:PB49 | 3c-7 P3-SD04 T07 R49
MB100	Mitchell, M., Wu, S., Zaldivar, A., Barnes, P., Vasserman, L., Hutchinson, B., Spitzer, E., Raji, I. D., & Gebru, T. (2019). Model cards for model reporting. Proceedings of the Conference on Fairness, Accountability, and Transparency, 220–229. https://doi.org/10.1145/3287560.3287596	P3:PB50 | 3c-6 P3-SD04 T07 R50
MB101	Montévil, M., & Mossio, M. (2015). Biological organisation as closure of constraints. Journal of Theoretical Biology, 372, 179-191. https://doi.org/10.1016/j.jtbi.2015.02.029	P1:PB20 | P1; P2 P1-SD04 T04 R22
MB102	Moran, N. A., & Sloan, D. B. (2015). The hologenome concept: Helpful or hollow? PLOS Biology, 13(12), e1002311. https://doi.org/10.1371/journal.pbio.1002311	P1:PB21 | P2 P1-SD04 T04 R23
MB103	Moreau, L., Groth, P., Cheney, J., Lebo, T., & Miles, S. (2015). The rationale of PROV. Web Semantics, 35, 235-257. https://doi.org/10.1016/j.websem.2015.04.001	P3:PB51 | 3c-8 P3-SD04 T07 R51
MB104	Recorded form 1 [P2a:PB16] Nagel, T. (1986). The View from Nowhere. Oxford University Press. Recorded form 2 [P2b:PB22] Nagel, T. (1986). The view from nowhere. Oxford University Press.	P2a:PB16 | P1b P2-SD04 T06 R16 P2b:PB22 | P4a P2-SD04 T14 R22
MB105	Nasralla, D., Coussios, C. C., Mergental, H., et al. (2018). A randomized trial of normothermic preservation in liver transplantation. Nature, 557, 50-56. https://doi.org/10.1038/s41586-018-0047-9	P1:PB22 | P3 P1-SD04 T04 R24

MB106 to MB140

Master ID	Bibliographic record	Local identities and paper occurrences
MB106	Neveu, M., Hays, L. E., Voytek, M. A., New, M. H., & Schulte, M. D. (2018). The Ladder of Life Detection. Astrobiology, 18(11), 1375-1402. https://doi.org/10.1089/ast.2017.1773	P1:PB23 | P3 P1-SD04 T04 R25
MB107	Nissenbaum, H. (1996). Accountability in a computerized society. Science and Engineering Ethics, 2, 25–42. https://doi.org/10.1007/BF02639315	P3:PB52 | 3c-6 P3-SD04 T07 R52
MB108	Nyman, L. (2015). Understanding Code Forking in Open Source Software: An Examination of Code Forking, Its Effect on Open Source Software, and How It Is Viewed and Practiced by Developers. Hanken School of Economics.	P3:PB53 | 3c-7 P3-SD04 T07 R53
MB109	O'Mahony, S., & Ferraro, F. (2007). The emergence of governance in an open source community. Academy of Management Journal, 50(5), 1079-1106. https://doi.org/10.5465/amj.2007.27169153	P3:PB54 | 3c-7 P3-SD04 T07 R54
MB110	Ostrom, E. (2005). Understanding Institutional Diversity. Princeton University Press.	P3:PB55 | 3c-7 P3-SD04 T07 R55
MB111	Parenteau, N., Hoehler, T., Davila, A., Getty, S., Lau, G., Neveu, M., Shkolyar, S., Des Marais, D., Rios, A., Jahnke, L., Bebout, L., Quinn, R., & Pohorille, A. (2025). Life Detection Knowledge Base: Assessment Criteria for Potential Biosignatures. Astrobiology, 25(7), 474-481. https://doi.org/10.1089/ast.2024.0104	P1:PB24 | P3 P1-SD04 T04 R26
MB112	Recorded form 1 [P1:PB25; P2a: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 Recorded form 2 [P3:PB56] Parrondo, J. M. R., Horowitz, J. M., & Sagawa, T. (2015). Thermodynamics of information. Nature Physics, 11(2), 131-139. https://doi.org/10.1038/nphys3230	P1:PB25 | P1 P1-SD04 T04 R27 P2a:PB17 | P1a P2-SD04 T06 R17 P3:PB56 | 3b-3 P3-SD04 T07 R56
MB113	Partridge, E. A., Davey, M. G., Hornick, M. A., et al. (2017). An extra-uterine system to physiologically support the extreme premature lamb. Nature Communications, 8, 15112. https://doi.org/10.1038/ncomms15112	P1:PB26 | P3 P1-SD04 T04 R28
MB114	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	P2b:PB23 | P4; P4a P2-SD04 T14 R23
MB115	Platt, J. R. (1964). Strong inference. Science, 146(3642), 347-353. https://doi.org/10.1126/science.146.3642.347	P3:PB57 | 3a-1 P3-SD04 T07 R57
MB116	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	P2b:PB24 | P2 P2-SD04 T14 R24
MB117	Power, M. (1999). The Audit Society: Rituals of Verification. Oxford University Press. https://doi.org/10.1093/acprof:oso/9780198296034.001.0001	P3:PB58 | 3c-6, 3c-7, 3c-8 P3-SD04 T07 R58

Master ID	Bibliographic record	Local identities and paper occurrences
MB118	Pradeu, T. (2016). Organisms or biological individuals? Combining physiological and evolutionary individuality. Biology & Philosophy, 31(6), 797-817. https://doi.org/10.1007/s10539-016-9551-1	P1:PB27 | P2 P1-SD04 T04 R29
MB119	Prusiner, S. B. (1982). Novel proteinaceous infectious particles cause scrapie. Science, 216(4542), 136-144. https://doi.org/10.1126/science.6801762	P1:PB28 | P3 P1-SD04 T04 R30
MB120	Putnam, H. (1981). Reason, Truth and History. Cambridge University Press.	P2a:PB18 | P1b P2-SD04 T06 R18
MB121	Queller, D. C., & Strassmann, J. E. (2009). Beyond society: The evolution of organismality. Philosophical Transactions of the Royal Society B: Biological Sciences, 364(1533), 3143-3155. https://doi.org/10.1098/rstb.2009.0095	P1:PB29 | P2 P1-SD04 T04 R31
MB122	Rafiei, S. K. S., & Asadi Anar, M. (2026). Membrane information organization at the origin of life: From interfaces to informational bodies. BioSystems, 265, 105830. https://doi.org/10.1016/j.biosystems.2026.105830	P1:PB30 | P2 P1-SD04 T04 R32
MB123	Raji, I. D., Smart, A., White, R. N., Mitchell, M., Gebru, T., Hutchinson, B., Smith-Loud, J., Theron, D., & Barnes, P. (2020). Closing the AI accountability gap: Defining an end-to-end framework for internal algorithmic auditing. Proceedings of the 2020 Conference on Fairness, Accountability, and Transparency, 33–44. https://doi.org/10.1145/3351095.3372873	P3:PB59 | 3c-6 P3-SD04 T07 R59
MB124	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	P2b:PB25 | P4c P2-SD04 T14 R25
MB125	Robinson, W. S. (1950). Ecological correlations and the behavior of individuals. American Sociological Review, 15(3), 351-357. https://doi.org/10.2307/2087176	P2b:PB26 | P4b P2-SD04 T14 R26
MB126	Roger, A. J., Munoz-Gomez, S. A., & Kamikawa, R. (2017). The Origin and Diversification of Mitochondria. Current Biology, 27(21), R1177-R1192. https://doi.org/10.1016/j.cub.2017.09.015	P1:PB31 | P3 P1-SD04 T04 R33
MB127	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.	P2a:PB19 | P1; P1c P2-SD04 T06 R19
MB128	Rudner, R. (1953). The scientist qua scientist makes value judgments. Philosophy of Science, 20(1), 1-6. https://doi.org/10.1086/287231	P3:PB60 | 3a-2, 3c-8 P3-SD04 T07 R60
MB129	Ruiz-Mirazo, K., Peretó, J., & Moreno, A. (2004). A universal definition of life: Autonomy and open-ended evolution. Origins of Life and Evolution of the Biosphere, 34(3), 323-346. https://doi.org/10.1023/B:ORIG.0000016440.53346.DC	P1:PB32 | P1 P1-SD04 T04 R34
MB130	Sahdev, D., Sundararaman, R., & Modgil, M. S. (2006). The Gödel universe: A practical travel guide. arXiv:gr-qc/0611093. https://doi.org/10.48550/arXiv.gr-qc/0611093	P3:PB61 | 3a-1 P3-SD04 T07 R61
MB131	Salje, J. (2021). Cells within cells: Rickettsiales and the obligate intracellular bacterial lifestyle. Nature Reviews Microbiology, 19, 375-390. https://doi.org/10.1038/s41579-020-00507-2	P1:PB33 | P3 P1-SD04 T04 R35

Master ID	Bibliographic record	Local identities and paper occurrences
MB132	Sartorio, C. (2004). How to be responsible for something without causing it. Philosophical Perspectives, 18, 315-336. https://doi.org/10.1111/j.1520-8583.2004.00031.x	P3:PB62 | 3b-4 P3-SD04 T07 R62
MB133	Searle, J. R. (1995). The Construction of Social Reality. Free Press.	P2a:PB20 | P1b P2-SD04 T06 R20
MB134	Seifert, U. (2012). Stochastic thermodynamics, fluctuation theorems and molecular machines. Reports on Progress in Physics, 75(12), 126001. https://doi.org/10.1088/0034-4885/75/12/126001	P1:PB34 | P1 P1-SD04 T04 R36
MB135	Selbst, A. D., boyd, d., Friedler, S. A., Venkatasubramanian, S., & Vertesi, J. (2019). Fairness and abstraction in sociotechnical systems. Proceedings of the Conference on Fairness, Accountability, and Transparency, 59–68. https://doi.org/10.1145/3287560.3287598	P3:PB63 | 3c-6 P3-SD04 T07 R63
MB136	Shafer-Landau, R. (2003). Moral Realism: A Defence. Oxford University Press.	P2a:PB21 | P1b P2-SD04 T06 R21
MB137	Recorded form 1 [P1:PB35; P2a: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 Recorded form 2 [P2b: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	P1:PB35 | P1 P1-SD04 T04 R37 P2a:PB22 | P1a; P1c P2-SD04 T06 R22 P2b:PB27 | P4c P2-SD04 T14 R27
MB138	Shapere, D. (1982). The concept of observation in science and philosophy. Philosophy of Science, 49(4), 485-525. https://doi.org/10.1086/289075	P2b:PB28 | P4 P2-SD04 T14 R28
MB139	Sharma, A., Czégel, D., Lachmann, M., Kempes, C. P., Walker, S. I., & Cronin, L. (2023). Assembly theory explains and quantifies selection and evolution. Nature, 622, 321-328. https://doi.org/10.1038/s41586-023-06600-9	P1:PB36 | P1 P1-SD04 T04 R38
MB140	Shewmon, D. A. (2001). The brain and somatic integration: Insights into the standard biological rationale for equating "brain death" with death. The Journal of Medicine and Philosophy, 26(5), 457-478. https://doi.org/10.1076/jmep.26.5.457.3000	P1:PB37 | P2 P1-SD04 T04 R39

MB141 to MB166

Master ID	Bibliographic record	Local identities and paper occurrences
MB141	Simon, H. A. (1955). A behavioral model of rational choice. The Quarterly Journal of Economics, 69(1), 99-118. https://doi.org/10.2307/1884852	P3:PB64 | 3a-1 P3-SD04 T07 R64

Master ID	Bibliographic record	Local identities and paper occurrences
MB142	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	P2b:PB29 | P4b P2-SD04 T14 R29
MB143	Smithson, M. (1989). Ignorance and uncertainty: Emerging paradigms. Springer-Verlag. https://doi.org/10.1007/978-1-4612-3628-3	P3:PB65 | 3a-2 P3-SD04 T07 R65
MB144	Sperber, D., Clément, F., Heintz, C., Mascaro, O., Mercier, H., Origgi, G., & Wilson, D. (2010). Epistemic vigilance. Mind & Language, 25(4), 359-393. https://doi.org/10.1111/j.1468-0017.2010.01394.x	P3:PB66 | 3b-5 P3-SD04 T07 R66
MB145	Stanford, P. K. (2006). Exceeding our grasp: Science, history, and the problem of unconceived alternatives. Oxford University Press.	P3:PB67 | 3a-2 P3-SD04 T07 R67
MB146	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	P2b:PB30 | P4b P2-SD04 T14 R30
MB147	Stewart, K. J. (2003). Trust transfer on the World Wide Web. Organization Science, 14(1), 5-17. https://doi.org/10.1287/orsc.14.1.5.12810	P3:PB68 | 3b-5 P3-SD04 T07 R68
MB148	Stigler, G. J. (1971). The theory of economic regulation. The Bell Journal of Economics and Management Science, 2(1), 3-21. https://doi.org/10.2307/3003160	P3:PB69 | 3c-7 P3-SD04 T07 R69
MB149	Suárez, J., & Stencel, A. (2020). A part-dependent account of biological individuality: Why holobionts are individuals and ecosystems simultaneously. Biological Reviews, 95(5), 1308-1324. https://doi.org/10.1111/brv.12610	P1:PB38 | P2 P1-SD04 T04 R40
MB150	Szangolies, J. (2018). Epistemic horizons and the foundations of quantum mechanics. Foundations of Physics, 48(12), 1669-1697. https://doi.org/10.1007/s10701-018-0221-9	P3:PB70 | 3a-1 P3-SD04 T07 R70
MB151	Szostak, J. W., Bartel, D. P., & Luisi, P. L. (2001). Synthesizing life. Nature, 409, 387-390. https://doi.org/10.1038/35053176	P1:PB39 | P3 P1-SD04 T04 R41
MB152	Theraulaz, G., & Bonabeau, E. (1999). A brief history of stigmergy. Artificial Life, 5(2), 97-116. https://doi.org/10.1162/106454699568700	P2b:PB31 | P3 P2-SD04 T14 R31
MB153	Thompson, D. F. (1980). Moral responsibility of public officials: The problem of many hands. American Political Science Review, 74(4), 905-916. https://doi.org/10.2307/1954312	P3:PB71 | 3b-4 P3-SD04 T07 R71
MB154	Timmermans, S., & Berg, M. (1997). Standardization in action: Achieving local universality through medical protocols. Social Studies of Science, 27(2), 273-305. https://doi.org/10.1177/030631297027002003	P3:PB72 | 3c-7 P3-SD04 T07 R72
MB155	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	P2b:PB32 | P4a P2-SD04 T14 R32
MB156	Toulmin, S. E. (1958). The Uses of Argument. Cambridge University Press.	P3:PB73 | 3c-6, 3c-8 P3-SD04 T07 R73

Master ID	Bibliographic record	Local identities and paper occurrences
MB157	Ulrich, W. (1987). Critical heuristics of social systems design. European Journal of Operational Research, 31(3), 276-283. https://doi.org/10.1016/0377-2217(87)90036-1	P3:PB74 | 3c-8 P3-SD04 T07 R74
MB158	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	P2b:PB33 | P3 P2-SD04 T14 R33
MB159	Varela, F. G., Maturana, H. R., & Uribe, R. (1974). Autopoiesis: The organization of living systems, its characterization and a model. BioSystems, 5(4), 187-196. https://doi.org/10.1016/0303-2647(74)90031-8	P1:PB40 | P1 P1-SD04 T04 R42
MB160	Walker, M. U. (2006). Moral repair: Reconstructing moral relations after wrongdoing. Cambridge University Press.	P3:PB75 | 3b-5 P3-SD04 T07 R75
MB161	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	P2b:PB34 | P4c P2-SD04 T14 R34
MB162	Williamson, T. (2000). Knowledge and its limits. Oxford University Press.	P2b:PB35 | P2 P2-SD04 T14 R35
MB163	Wittgenstein, L. (1969). On certainty (G. E. M. Anscombe & G. H. von Wright, Eds.; D. Paul & G. E. M. Anscombe, Trans.). Basil Blackwell.	P3:PB76 | 3b-5 P3-SD04 T07 R76
MB164	Wolpert, D. H. (2008). Physical limits of inference. Physica D: Nonlinear Phenomena, 237(9), 1257-1281. https://doi.org/10.1016/j.physd.2008.03.040	P3:PB77 | 3a-1 P3-SD04 T07 R77
MB165	Woodward, J. (2003). Making things happen: A theory of causal explanation. Oxford University Press. https://doi.org/10.1093/0195155270.001.0001	P1:PB41 | P1 P1-SD04 T04 R43
MB166	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	P2b:PB36 | P4c P2-SD04 T14 R36

Cross part identity matches

These matches concern publication identity only. The next section preserves every local use, including relations that differ for the same publication.

Master ID	Same publication in multiple source registers	Match basis
MB009	P1:PB01; P3:PB06	Matching DOI or explicit same author, title, year and edition; local citation variants retained above.
MB035	P2a:PB08; P2b:PB07	Matching DOI or explicit same author, title, year and edition; local citation variants retained above.
MB046	P2a:PB09; P2b:PB11	Matching DOI or explicit same author, title, year and edition; local citation variants retained above.

Master ID	Same publication in multiple source registers	Match basis
MB067	P2b:PB15; P3:PB34	Matching DOI or explicit same author, title, year and edition; local citation variants retained above.
MB077	P1:PB16; P2a:PB10	Matching DOI or explicit same author, title, year and edition; local citation variants retained above.
MB090	P2b:PB19; P3:PB45	Matching DOI or explicit same author, title, year and edition; local citation variants retained above.
MB094	P2a:PB15; P2b:PB20	Matching DOI or explicit same author, title, year and edition; local citation variants retained above.
MB104	P2a:PB16; P2b:PB22	Matching DOI or explicit same author, title, year and edition; local citation variants retained above.
MB112	P1:PB25; P2a:PB17; P3:PB56	Matching DOI or explicit same author, title, year and edition; local citation variants retained above.
MB137	P1:PB35; P2a:PB22; P2b:PB27	Matching DOI or explicit same author, title, year and edition; local citation variants retained above.

Paper local relation register

P1 local relations

Publication and source row	Canonical paper and local anchor	Recorded status	Paper-local relation and boundary
MB009 P1:PB01 P1-SD04 T06 R01	GOT-V1-1-1 Endnote 7	A3; C / OVL / 0	Bartlett (2024) Examined methodological adjacency to a possible Baseline Dynamics intervention/readout; does not establish physically supported alphabet, BD adequacy, or IPL localisation.
MB025 P1:PB03 P1-SD04 T06 R02	GOT-V1-1-1 Endnote 1	A3; C / OVL / 0	Chalmers (1996) Computational-implementation / triviality problem; motivates constraints beyond arbitrary physical-to-computational mapping but does not supply TC/NTC.
MB029 P1:PB04 P1-SD04 T06 R03	GOT-V1-1-1 Endnote 10	A3; C / SPEC / 0	Cleland & Chyba (2002) Theory-level life-definition context; does not establish that the present discriminator succeeds.
MB031 P1:PB05 P1-SD04 T06 R04	GOT-V1-1-1 Endnote 6	A3; C / OVL / 0	Deacon et al. (2014) Close organisational neighbour; no technical dependence. Constraint organisation alone does not establish NTC/IPL.

Publication and source row	Canonical paper and local anchor	Recorded status	Paper-local relation and boundary
MB038 P1:PB08 P1-SD04 T06 R05	GOT-V1-1-1 Endnote 9	A3; C / SPEC / 0	England (2015) Negative comparator: driven dissipative self-assembly may be structured without meeting the IPL-mediated NTC maintenance burden.
MB061 P1:PB11 P1-SD04 T06 R06	GOT-V1-1-1 Endnote 11	A3; C / SPEC / 0	Hordijk & Steel (2015) Autocatalytic-set / boundary architecture as chemistry-to-life candidate scaffold; does not by itself establish the life discriminator.
MB062 P1:PB12 P1-SD04 T06 R07	GOT-V1-1-1 Endnote 1	A3; C / OVL / 0	Horsman et al. (2014) Computational implementation / triviality problem; does not supply the present TC/NTC discriminator.
MB074 P1:PB42 P1-SD04 T06 R08	GOT-V1-1-1 Endnote 8	A3; C / OVL / 0	Kolchinsky & Wolpert (2018) Information-maintenance comparator: semantic information is defined through causal necessity for maintaining physical-system viability under counterfactual scrambling. Paper 1 does not inherit semantic-information or viability formalism and retains its own IPL/NTC/BD life threshold.
MB077 P1:PB16 P1-SD04 T06 R09	GOT-V1-1-1 Endnote 4	F / DEP / 1	Landauer (1961) Canonical physical irreversibility result for logically irreversible information operations; grounds physical cost/constraint claim, not NMF layering.
MB089 P1:PB43 P1-SD04 T06 R10	GOT-V1-1-1 Endnote 1	A3; P / N-A / 0; secondary C / OVL / 0	Lizier et al. (2007) Prior technical use of “non-trivial computation” acknowledged for terminology/provenance and comparison. Their distributed information-storage/transfer/modification framework does not supply Paper 1 organisation-mediated, comparator-tested NTC.
MB101 P1:PB20 P1-SD04 T06 R11	GOT-V1-1-1 Endnote 6	A3; C / OVL / 0	Montévil & Mossio (2015) Close organisational neighbour; no technical dependence. Constraint organisation alone does not establish NTC/IPL.
MB112 P1:PB25 P1-SD04 T06 R12	GOT-V1-1-1 Endnote 4	F / DEP / 1	Parrondo et al. (2015) Modern thermodynamics-of-information framework; grounds physical cost/constraint claim, not NMF layering.
MB129 P1:PB32 P1-SD04 T06 R13	GOT-V1-1-1 Endnote 8	A3; C / SPEC / 0	Ruiz-Mirazo et al. (2004) Organisation-centred life comparator; present life threshold does not require autonomy plus open-ended evolution as a primitive discriminator.
MB134 P1:PB34 P1-SD04 T06 R14	GOT-V1-1-1 Endnote 2	F / DEP / 1	Seifert (2012) Standard nonequilibrium / stochastic-thermodynamic reference; NMF layer structure remains Paper 1 construction.
MB137 P1:PB35 P1-SD04 T06 R15	GOT-V1-1-1 Endnote 3	F / DEP / 1	Shannon (1948) Channel-relative mathematical framework for entropy, mutual information, alphabets, noise, and capacity used at the Shannon layer.

Publication and source row	Canonical paper and local anchor	Recorded status	Paper-local relation and boundary
MB139 P1:PB36 P1-SD04 T06 R16	GOT-V1-1-1 Endnote 12	A3; C / SPEC / 0	Sharma et al. (2023) Assembly Theory acknowledged as lower-ladder state-space / complex-chemistry adjacency, not evidence of NTC or Life.
MB159 P1:PB40 P1-SD04 T06 R17	GOT-V1-1-1 Endnote 8	A3; C / SPEC / 0	Varela et al. (1974) Autopoiesis comparator; present local threshold does not require autopoietic self-production as a primitive discriminator.
MB165 P1:PB41 P1-SD04 T06 R18	GOT-V1-1-1 Endnote 5	F / DEP / 1	Woodward (2003) Interventionist causal background. Baseline Dynamics is the stronger paper-specific comparator discipline.
MB075 P1:PB15 P1-SD04 T06 R19	GOT-V1-1-2 heading 1.5, note 1	A3; C / OVL / 0	Krakauer et al. (2020) Candidate-framing / individuality comparator; no inheritance.
MB101 P1:PB20 P1-SD04 T06 R20	GOT-V1-1-2 heading 1.6, note 2	A3; C / OVL / 0	Montévil & Mossio (2015) Maintained-interface / closure comparator; closure alone does not establish Attribution Locus or life-status.
MB149 P1:PB38 P1-SD04 T06 R21	GOT-V1-1-2 heading 7.5, note 6	A3; C / OVL / 0	Suárez & Stencel (2020) Part-dependent individuality comparator for symbiosis / mutualism and topology versus unity.
MB122 P1:PB30 P1-SD04 T06 R22	GOT-V1-1-2 heading 1.6, note 2	A3; C / OVL / 0	Rafiei & Asadi Anar (2026) Informational membrane boundary comparator; boundary account not inherited.
MB034 P1:PB07 P1-SD04 T06 R23	GOT-V1-1-2 heading 7.7, note 7	A3; C / OVL / 0	Doulcier et al. (2024) Higher-order identity / life-cycle-closure comparator; not Paper 2 death / branch-closure.
MB118 P1:PB27 P1-SD04 T06 R24	GOT-V1-1-2 heading 1.5, note 1	A3; C / OVL / 0	Pradeu (2016) Biological-individuality comparator; does not supply Attribution Locus or life discriminator.
MB042 P1:PB09 P1-SD04 T06 R25	GOT-V1-1-2 heading 5.5, note 4	A3; C / REF / 0	Forterre (2011) Close comparator to free-phase / host-completed attribution; Life-in-Potential not inherited from virocell.
MB083 P1:PB18 P1-SD04 T06 R26	GOT-V1-1-2 heading 5.3, note 3	E / N-A / 1	Lennon & Jones (2011) Empirical dormancy support; intrinsic resumability is Paper 2 criterion.
MB017 P1:PB02 P1-SD04 T06 R27	GOT-V1-1-2 heading 5.7, note 5	A3; C / OVL / 0	Bernat et al. (1981) Death / organismal integration comparator; whole-brain criterion not inherited.

Publication and source row	Canonical paper and local anchor	Recorded status	Paper-local relation and boundary
MB140 P1:PB37 P1-SD04 T06 R28	GOT-V1-1-2 heading 5.7, note 5	A3; C / OVL / 0	Shewmon (2001) Counterpressure on brain-centred somatic integration; Paper 2 branch-closure remains broader.
MB121 P1:PB29 P1-SD04 T06 R29	GOT-V1-1-2 heading 7.7, note 7	A3; C / OVL / 0	Queller & Strassmann (2009) Organismality comparator for higher-order locus; no dependency.
MB102 P1:PB21 P1-SD04 T06 R30	GOT-V1-1-2 heading 7.5, note 6	A3; C / OVL / 0	Moran & Sloan (2015) Critical pressure against automatic holobiont unity; comparator only.
MB106 P1:PB23 P1-SD04 T06 R31	GOT-V1-1-3 heading 5.0, note 1	A3; C / OVL / 0	Neveu et al. (2018) Staged life-detection methodological comparator; no technical dependence.
MB050 P1:PB10 P1-SD04 T06 R32	GOT-V1-1-3 heading 5.0, note 1	A3; C / OVL / 0	Green et al. (2021) Claim-strength / evidence-reporting comparator; does not supply attribution grammar.
MB111 P1:PB24 P1-SD04 T06 R33	GOT-V1-1-3 heading 5.0, note 1	A3; C / OVL / 0	Parenteau et al. (2025) False-positive / false-negative and biosignature-assessment comparator; no attribution dependence.
MB083 P1:PB18 P1-SD04 T06 R34	GOT-V1-1-3 heading 5.1, note 2	E / N-A / 1	Lennon & Jones (2011) Empirical dormancy support; dormant-Life classification not inherited.
MB069 P1:PB14 P1-SD04 T06 R35	GOT-V1-1-3 heading 5.2, note 3	E / N-A / 1	Jeffries et al. (2011) Empirical support for terminal active senescence exemplar; classification remains local.
MB042 P1:PB09 P1-SD04 T06 R36	GOT-V1-1-3 headings 5.3 and 5.4, note 4	A3; C / REF / 0	Forterre (2011) Virus/virocell comparator to free-phase / host-completed attribution; no ontology inheritance.
MB131 P1:PB33 P1-SD04 T06 R37	GOT-V1-1-3 heading 5.5, note 5	E / N-A / 1	Salje (2021) Empirical support for obligate intracellular bacterial dependence without automatic loss of biological organisation.
MB126 P1:PB31 P1-SD04 T06 R38	GOT-V1-1-3 heading 5.6, note 6	E / N-A / 1	Roger et al. (2017) Empirical mitochondrial integration/dependence basis; attribution remains locus/completion question.
MB097 P1:PB19 P1-SD04 T06 R39	GOT-V1-1-3 heading 5.7, note 7	E / N-A / 1	Merlo et al. (2006) Empirical tumour cellular/population organisation; does not establish tumour-scale Attribution Locus.

Publication and source row	Canonical paper and local anchor	Recorded status	Paper-local relation and boundary
MB105 P1:PB22 P1-SD04 T06 R40	GOT-V1-1-3 heading 5.8, note 8	E / N-A / 1	Nasralla et al. (2018) Empirical organ preservation under external technical support; not evidence of organismal living locus.
MB063 P1:PB13 P1-SD04 T06 R41	GOT-V1-1-3 heading 5.8, note 8	E / N-A / 1	Huh et al. (2010) Empirical organ-level function on chip; not evidence that the device-supported system is an organismal living locus.
MB113 P1:PB26 P1-SD04 T06 R42	GOT-V1-1-3 heading 5.9, note 9	E / N-A / 1	Partridge et al. (2017) Empirical developmental support; developing organism remains the attributed locus.
MB119 P1:PB28 P1-SD04 T06 R43	GOT-V1-1-3 heading 5.10, note 10	E / N-A / 1	Prusiner (1982) Empirical prion propagation contrast; primary class remains an attribution question.
MB032 P1:PB06 P1-SD04 T06 R44	GOT-V1-1-3 heading 5.10, note 10	E / N-A / 1	Diener (1971) Empirical viroid RNA propagation contrast; primary class remains an attribution question.
MB151 P1:PB39 P1-SD04 T06 R45	GOT-V1-1-3 heading 5.11, note 11	A3; C / OVL / 0	Szostak et al. (2001) Synthetic-cell / protocell comparator for chemistry-to-life band; no life-discriminator inheritance.
MB079 P1:PB17 P1-SD04 T06 R46	GOT-V1-1-3 heading 5.12, note 12	E / N-A / 1	Latil et al. (2012) Empirical post-mortem dormant stem-cell survival; supports constituent reframing after organismal closure.

P2a local relations

Publication and source row	Canonical paper and local anchor	Recorded status	Paper-local relation and boundary
MB010 P2a:PB01 P2-SD04 T10 R01	GOT-V1-2a-1 Endnote 3	A3; C / SPEC / 0	Barwise & Seligman (1997) 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.
MB012 P2a:PB02 P2-SD04 T10 R02	GOT-V1-2a-1 Endnote 1	A3; P/C / OVL / 0	Bateson (1970) 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.

Publication and source row	Canonical paper and local anchor	Recorded status	Paper-local relation and boundary
MB035 P2a:PB08 P2-SD04 T10 R03	GOT-V1-2a-1 Endnote 4	A3; C / SPEC / 0	Dretske (1981) 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.
MB078 P2a:PB11 P2-SD04 T10 R04	GOT-V1-2a-1 Endnote 5	A3; P / SPEC / 0	Landauer (1991) Physical embodiment is necessary in the present architecture but not sufficient; operational information for a locus requires the RRP-indexed relation.
MB127 P2a:PB19 P2-SD04 T10 R05	GOT-V1-2a-1 Endnote 2	A3; C / OVL / 0	Rovelli (2015) 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.
MB011 P2a:PB03 P2-SD04 T10 R06	GOT-V1-2a-1a Endnote 5	A3; C / OVL / 0	Bateson (1972) 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.
MB016 P2a:PB06 P2-SD04 T10 R07	GOT-V1-2a-1a Endnote 1	A3; C / SPEC / 0	Berg & Purcell (1977) 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.
MB077 P2a:PB10 P2-SD04 T10 R08	GOT-V1-2a-1a Endnote 2	F / DEP / 1	Landauer (1961) Canonical physical-irreversibility result for logically irreversible information operations. Grounds physical cost and constraint, not RRP architecture or the signal ladder.
MB092 P2a:PB13 P2-SD04 T10 R09	GOT-V1-2a-1a Endnote 4	A3; C / OVL / 0	MacKay & McCulloch (1952) 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.
MB112 P2a:PB17 P2-SD04 T10 R10	GOT-V1-2a-1a Endnote 2	F / DEP / 1	Parrondo, Horowitz & Sagawa (2015) Modern thermodynamics-of-information framework used to ground physical cost and constraint. Does not supply RRP architecture or the present signal ladder.
MB137 P2a:PB22 P2-SD04 T10 R11	GOT-V1-2a-1a Endnote 3	F / DEP / 1	Shannon (1948) 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.

Publication and source row	Canonical paper and local anchor	Recorded status	Paper-local relation and boundary
MB014 P2a:PB04 P2-SD04 T10 R12	GOT-V1-2a-1b Endnote 5	A3; C / OVL / 0	Benoist (2021) 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.
MB015 P2a:PB05 P2-SD04 T10 R13	GOT-V1-2a-1b Endnote 6	A3; C / CON / 0	Bensusan (2021) 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.
MB018 P2a:PB07 P2-SD04 T10 R14	GOT-V1-2a-1b Endnote 2	A3; C / OVL / 0	Bhaskar (2008 [1975]) 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.
MB046 P2a:PB09 P2-SD04 T10 R15	GOT-V1-2a-1b Endnote 8	A3; C / OVL / 0	Giere (2006) 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.
MB085 P2a:PB12 P2-SD04 T10 R16	GOT-V1-2a-1b Endnote 3	P / N-A / 0	Lewis (1986) Representative source for the strong possible-worlds form of modal realism. Used schematically; no substantive metaphysical commitment is inherited.
MB093 P2a:PB14 P2-SD04 T10 R17	GOT-V1-2a-1b Endnote 3	P / N-A / 0	Maddy (1990) Representative source for mathematical realism. Used schematically; no substantive metaphysical commitment is inherited.
MB094 P2a:PB15 P2-SD04 T10 R18	GOT-V1-2a-1b Endnote 8	A3; C / OVL / 0	Massimi (2022) 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.
MB104 P2a:PB16 P2-SD04 T10 R19	GOT-V1-2a-1b Endnote 7	P / N-A / 0	Nagel (1986) 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.
MB120 P2a:PB18 P2-SD04 T10 R20	GOT-V1-2a-1b Endnote 1	A3; C / OVL / 0	Putnam (1981) 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.

Publication and source row	Canonical paper and local anchor	Recorded status	Paper-local relation and boundary
MB133 P2a:PB20 P2-SD04 T10 R21	GOT-V1-2a-1b Endnote 4	A3; C / OVL / 0	Searle (1995) 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.
MB136 P2a:PB21 P2-SD04 T10 R22	GOT-V1-2a-1b Endnote 3	P / N-A / 0	Shafer-Landau (2003) Representative source for moral realism. Used schematically; no substantive metaphysical commitment is inherited.
MB010 P2a:PB01 P2-SD04 T10 R23	GOT-V1-2a-1c Endnote 4	Existing-corpus reuse; no new coded maturity or inheritance level	Barwise & Seligman (1997) Structural comparator; no channel-theory inheritance. Earlier source home: Paper 1, endnote 3. See Paper 1c local note for its actual role.
MB046 P2a:PB09 P2-SD04 T10 R24	GOT-V1-2a-1c Endnote 14	Existing-corpus reuse; no new coded maturity or inheritance level	Giere (2006) 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.
MB078 P2a:PB11 P2-SD04 T10 R25	GOT-V1-2a-1c Endnote 5	Existing-corpus reuse; no new coded maturity or inheritance level	Landauer (1991) 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.
MB094 P2a:PB15 P2-SD04 T10 R26	GOT-V1-2a-1c Endnote 14	Existing-corpus reuse; no new coded maturity or inheritance level	Massimi (2022) Perspectivist comparator; no automatic external technical inheritance. Earlier source home: Paper 1b, endnote 8. See Paper 1c local note for its actual role.
MB127 P2a:PB19 P2-SD04 T10 R27	GOT-V1-2a-1c Endnote 3	Existing-corpus reuse; no new coded maturity or inheritance level	Rovelli (2015) 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.
MB137 P2a:PB22 P2-SD04 T10 R28	GOT-V1-2a-1c Endnote 17	Existing-corpus reuse; no new coded maturity or inheritance level	Shannon (1948) 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.

P2b local relations

Publication and source row	Canonical paper and local anchor	Recorded status	Paper-local relation and boundary
MB116 P2b:PB24 P2-SD04 T15 R01	GOT-V1-2b-2 §1.2 knowledge/possession, note 1	Maturity: — Class / tag / inheritance: P / N-A / 0	Provenance comparator: anti-possession move; no World 3 ontology or technical machinery inherited.
MB035 P2b:PB07 P2-SD04 T15 R02	GOT-V1-2b-2 §1.3 knowledge/belief, note 2	Maturity: A3 Class / tag / inheritance: C / OVL / 0	Examined overlap: information-grounded naturalisation; Paper 2 places minimal retained-distinction status below belief and semantic use.
MB162 P2b:PB35 P2-SD04 T15 R03	GOT-V1-2b-2 §5.1 truth-status, note 3	Maturity: A3 Class / tag / inheritance: C / CON / 0	Opposing comparator: factive mental-state knowledge versus fallible non-mental record-status.
MB158 P2b:PB33 P2-SD04 T15 R04	GOT-V1-2b-3 §1.3 broader than cognition, note 1	Maturity: A3 Class / tag / inheritance: C / OVL / 0	Examined overlap: lower-than-human cognition boundary; Paper 3 places applied distinction below cognition and permits non-biological loci.
MB067 P2b:PB15 P2-SD04 T15 R05	GOT-V1-2b-3 §3.1 locus, note 2	Maturity: A3 Class / tag / inheritance: C / OVL / 0	Examined overlap: distributed operational unit; locus remains attribution discipline, not distributed-mind ontology.
MB005 P2b:PB02 P2-SD04 T15 R06	GOT-V1-2b-3 §3.2 finite branch-space, note 3	Maturity: A3 Class / tag / inheritance: C / OVL / 0	Examined overlap: regulation, variety, finite alternatives; intelligence still requires applied distinction and comparator-stable dependence.
MB021 P2b:PB06 P2-SD04 T15 R07	GOT-V1-2b-3 §4.3 active information, note 4	Maturity: — Class / tag / inheritance: P / N-A / 0	Terminological provenance only: external “active information” has different quantum-theoretic meaning; no Bohmian mechanism inherited.
MB152 P2b:PB31 P2-SD04 T15 R08	GOT-V1-2b-3 §4.4 passive intelligence, note 5	Maturity: A3 Class / tag / inheritance: C / APP / 0	Restricted application neighbour: externalised traces reused; Paper 3 generalises through producing-locus provenance plus present uptake.
MB081 P2b:PB17 P2-SD04 T15 R09	GOT-V1-2b-3 §8.9 success, note 6	Maturity: A3 Class / tag / inheritance: C / CON / 0	Opposing comparator: performance/goal-achievement measure versus distinction-conditioned dependence; success alone is insufficient.
MB138 P2b:PB28 P2-SD04 T15 R10	GOT-V1-2b-4 §1.2 bounded registration, note 1	Maturity: A3 Class / tag / inheritance: C / OVL / 0	Examined overlap: technically mediated observation; Paper 4 generalises below scientific practice through RRP/OP/OA/OR/RAS.
MB020 P2b:PB05 P2-SD04 T15 R11	GOT-V1-2b-4 §1.3 record-provenance, note 2	Maturity: A3 Class / tag / inheritance: C / OVL / 0	Examined overlap: produced data/record distinguished from stronger epistemic status; no data/phenomena framework inherited.

Publication and source row	Canonical paper and local anchor	Recorded status	Paper-local relation and boundary
MB058 P2b:PB14 P2-SD04 T15 R12	GOT-V1-2b-4 §4.1-§4.2 observer architecture, note 3	Maturity: A3 Class / tag / inheritance: C / OVL / 0	Observer-architecture overlap: IGUS bundle decomposed into TO/OIP/NTO thresholds.
MB037 P2b:PB08 P2-SD04 T15 R13	GOT-V1-2b-4 §4.3 status threshold, note 4	Maturity: A3 Class / tag / inheritance: C / CON / 0	Competing minimal-observer threshold: action/feedback criterion versus persistent record-presence first.
MB095 P2b:PB21 P2-SD04 T15 R14	GOT-V1-2b-4 §5.3 life entails observer-locus, note 5	Maturity: A3 Class / tag / inheritance: C / OVL / 0	Biological-cognition precursor; Paper 4 derives observer-locus through its own life plus registration/retention architecture.
MB114 P2b:PB23 P2-SD04 T15 R15	GOT-V1-2b-4 §5.3 life entails observer-locus, note 5	Maturity: A3 Class / tag / inheritance: C / OVL / 0	Epistemic-cut precursor; no symbol/code architecture inherited into the observer-status derivation.
MB053 P2b:PB12 P2-SD04 T15 R16	GOT-V1-2b-4a §1.2 abstraction, note 1	Maturity: A3 Class / tag / inheritance: C / OVL / 0	Examined overlap: structured/theory-laden observation; Paper 4a derives substrate-general abstraction from OA before OR.
MB045 P2b:PB10 P2-SD04 T15 R17	GOT-V1-2b-4a §2.4 biological perspective, note 5	Maturity: A3 Class / tag / inheritance: C / APP / 0	Application comparator: organism-environment perceptual relation; guards against equating abstraction with internal symbolic representation.
MB114 P2b:PB23 P2-SD04 T15 R18	GOT-V1-2b-4a §2.1 observational cut, note 2	Maturity: A3 Class / tag / inheritance: C / OVL / 0	Examined overlap in cut language; Paper 4a cut is local registerability, not symbol/dynamics code architecture.
MB041 P2b:PB09 P2-SD04 T15 R19	GOT-V1-2b-4a §2.1 observational cut, note 2	Maturity: A3 Class / tag / inheritance: C / OVL / 0	Examined overlap: levels/observables; Paper 4a makes abstraction constitutive of finite observation rather than an analytical method only.
MB155 P2b:PB32 P2-SD04 T15 R20	GOT-V1-2b-4a §2.2 compression, note 3	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	Specialisation comparator: relevance-preserving compression; no information-bottleneck optimisation formalism inherited.
MB104 P2b:PB22 P2-SD04 T15 R21	GOT-V1-2b-4a §4.1 view from nowhere, note 6	Maturity: — Class / tag / inheritance: P / N-A / 0	Terminological/philosophical provenance for the “view from nowhere”; wider philosophical architecture not adopted.
MB046 P2b:PB11 P2-SD04 T15 R22	GOT-V1-2b-4a §2.4 perspective, note 4	Maturity: A3 Class / tag / inheritance: C / OVL / 0	Scientific perspectivism overlap; Paper 4a generalises perspective to any finite observation locus.
MB094 P2b:PB20 P2-SD04 T15 R23	GOT-V1-2b-4a §2.4 perspective, note 4	Maturity: A3 Class / tag / inheritance: C / OVL / 0	Perspectival realism overlap; Paper 4a adds substrate-general cut, record, comparator, and residual conditions.

Publication and source row	Canonical paper and local anchor	Recorded status	Paper-local relation and boundary
MB054 P2b:PB13 P2-SD04 T15 R24	GOT-V1-2b-4a §2.4 perspective, note 4	Maturity: A3 Class / tag / inheritance: C / OVL / 0	Situated partial-perspective overlap; distinct from the paper's substrate-general observation architecture.
MB090 P2b:PB19 P2-SD04 T15 R25	GOT-V1-2b-4a §4.5 cross-locus correction, note 7	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	Specialisation comparator: critical social correction; plurality alone does not establish objectivity.
MB146 P2b:PB30 P2-SD04 T15 R26	GOT-V1-2b-4b §1.3 scale not size/unit/choice, note 1	Maturity: A3 Class / tag / inheritance: C / OVL / 0	Measurement-scale comparator: legitimate operations depend on comparability structure; Paper 4b asks the prior operative-scale question.
MB004 P2b:PB01 P2-SD04 T15 R27	GOT-V1-2b-4b §1.4 perspective fixes scale, note 2	Maturity: A2 Class / tag / inheritance: A / ADJ / 0	Acknowledged adjacency: level-sensitive system description; hierarchy-theory machinery not inherited.
MB071 P2b:PB16 P2-SD04 T15 R28	GOT-V1-2b-4b §4.5 broad measurement, note 3	Maturity: A3 Class / tag / inheritance: C / CON / 0	Opposing scope comparator: technical quantity-valued metrology versus Paper 4b's broader scale-governed registration use.
MB084 P2b:PB18 P2-SD04 T15 R29	GOT-V1-2b-4b §5.5 cross-scale translation, note 4	Maturity: A3 Class / tag / inheritance: C / OVL / 0	Cross-scale overlap: relations may not export across scale; ecology-specific machinery not inherited.
MB013 P2b:PB04 P2-SD04 T15 R30	GOT-V1-2b-4b §5.5 scalar bridge, note 4	Maturity: A3 Class / tag / inheritance: C / OVL / 0	Scalar-bridge overlap: lower-scale grounding does not automatically yield target-scale explanation.
MB125 P2b:PB26 P2-SD04 T15 R31	GOT-V1-2b-4b §6.3 comparator pressure, note 5	Maturity: A3 Class / tag / inheritance: C / APP / 0	Restricted statistical application showing aggregation can change apparent relation; not a general Scale Gap theory.
MB142 P2b:PB29 P2-SD04 T15 R32	GOT-V1-2b-4b §6.3 comparator pressure, note 5	Maturity: A3 Class / tag / inheritance: C / APP / 0	Restricted statistical application showing grouping/decomposition can reverse association.
MB007 P2b:PB03 P2-SD04 T15 R33	GOT-V1-2b-4c §1.3 observation program, note 1	Maturity: A3 Class / tag / inheritance: C / OVL / 0	Observation-program overlap: structured sensing pathway; Paper 4c permits minimal non-purposive programs and does not require action for TO.
MB166 P2b:PB36 P2-SD04 T15 R34	GOT-V1-2b-4c §2.2 Counterfactual Horizon, note 2	Maturity: A3 Class / tag / inheritance: C / OVL / 0	Counterfactual-intervention overlap; CH bounds admissible comparator intervention and does not inherit interventionism as a causal theory.
MB137 P2b:PB27 P2-SD04 T15 R35	GOT-V1-2b-4c §3.2 Observational Bandwidth, note 3	Maturity: A3 Class / tag / inheritance: C / OVL / 0	Channel-throughput comparator; OBW additionally requires observation-stack status and persistence/redeployability where claimed.

Publication and source row	Canonical paper and local anchor	Recorded status	Paper-local relation and boundary
MB005 P2b:PB02 P2-SD04 T15 R36	GOT-V1-2b-4c §3.4 Observational Gain, note 4	Maturity: A3 Class / tag / inheritance: C / OVL / 0	Cybernetic structural neighbour; OG is not requisite variety or regulatory success.
MB161 P2b:PB34 P2-SD04 T15 R37	GOT-V1-2b-4c §4.1 Observational Drift, note 5	Maturity: A3 Class / tag / inheritance: C / APP / 0	Restricted-domain concept-drift application; ODr generalises mapping/deployment instability beyond adaptive learners.
MB124 P2b:PB25 P2-SD04 T15 R38	GOT-V1-2b-4c §4.4 drift-load-collapse dynamics, note 6	Maturity: A2 Class / tag / inheritance: A / ADJ / 0	Acknowledged structural adjacency: dynamic pressure/boundary interactions; no observation-status or OCx criterion inherited.

P3 local relations

Publication and source row	Canonical paper and local anchor	Recorded status	Paper-local relation and boundary
MB049 P3:PB23 P3-SD04 T09 R01	GOT-V1-3a-1 Source label: Gödel	Maturity: — Class / tag / inheritance: F / DEP / 1	§9, endnote 7. Gödel’s incompleteness theorem is the exact formal exemplar and a narrowly scoped operational dependency. The wider horizon grammar is not inherited from Gödel.
MB065 P3:PB32 P3-SD04 T09 R02	GOT-V1-3a-1 Source label: Humphreys	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	§6, endnote 4. Computational epistemic opacity supplies a procedural-path comparator. Procedural Availability Horizon generalises beyond computation and remains distinct from internally disclosed closure limits.
MB066 P3:PB33 P3-SD04 T09 R03	GOT-V1-3a-1 Source label: Husserl	Maturity: — Class / tag / inheritance: P / N-A / 0	§3, endnote 1. Horizon terminology has phenomenological provenance. The paper’s locus-relative, non-conscious availability/closure grammar is not inherited from phenomenology.
MB067 P3:PB34 P3-SD04 T09 R04	GOT-V1-3a-1 Source label: Hutchins	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§6, endnote 3. Distributed cognition provides a comparator for coupled loci. Coupling here does not establish a distributed mind or cognition.
MB076 P3:PB39 P3-SD04 T09 R05	GOT-V1-3a-1 Source label: Kuhn	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§11, endnote 8. Paradigm stabilisation and retrospective reconstruction provide a science-historical specialisation of stabilisation and lost branch visibility; paradigm theory is not inherited.
MB115 P3:PB57 P3-SD04 T09 R06	GOT-V1-3a-1 Source label: Platt	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	§11, endnote 9. Discriminating alternatives through strong inference specialises comparator discipline. The paper generalises beyond empirical hypotheses and distinguishes epistemic alternatives from causal branches.
MB130 P3:PB61 P3-SD04 T09 R07	GOT-V1-3a-1 Source label: Sahdev	Maturity: — Class / tag / inheritance: P / N-A / 0	§8, endnote 5. Terminological disambiguation only: the Gödel-spacetime use of “Gödel horizon” is unrelated to this epistemic and methodological grammar.

Publication and source row	Canonical paper and local anchor	Recorded status	Paper-local relation and boundary
MB141 P3:PB64 P3-SD04 T09 R08	GOT-V1-3a-1 Source label: Simon	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	§4, endnote 2. Bounded rationality supplies a restricted decision-theoretic comparator. Soft Horizon generalises purpose-indexed provisional closure and retains residual and update; no bounded-rationality machinery is inherited.
MB150 P3:PB70 P3-SD04 T09 R09	GOT-V1-3a-1 Source label: Szangolies	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§8, endnote 6. Quantum-foundational epistemic horizons are an examined comparator. The broader typed availability/closure grammar inherits no quantum or categorical machinery.
MB164 P3:PB77 P3-SD04 T09 R10	GOT-V1-3a-1 Source label: Wolpert	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	§13, endnote 10. Physical inference limits supply a formal specialisation. The claim that finite systems move rather than abolish horizons does not adopt the inference-device formalism.
MB026 P3:PB11 P3-SD04 T09 R11	GOT-V1-3a-2 Source label: Chamberlin	Maturity: — Class / tag / inheritance: P / N-A / 0	§7, endnote 3. Multiple working hypotheses provide a methodological precursor. The live field adds admissibility, positive exclusion, heterogeneous weighting, residual, and branch-memory.
MB033 P3:PB15 P3-SD04 T09 R12	GOT-V1-3a-2 Source label: Douglas	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§10, endnote 5. Inductive risk makes consequences of error relevant to acceptance. This paper keeps action thresholds under residual distinct from stronger truth or explanatory closure.
MB040 P3:PB18 P3-SD04 T09 R13	GOT-V1-3a-2 Source label: Fischhoff	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§11, endnote 7. Hindsight bias supplies a comparator for outcome knowledge distorting what was previously knowable. Preserve contemporaneous alternatives and avoid retrospective inevitability.
MB051 P3:PB24 P3-SD04 T09 R14	GOT-V1-3a-2 Source label: Gross	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§2, endnote 1. Differentiated and dynamic not-knowing supplies an unknown-status comparator. This paper indexes unknown-status to relation, locus, availability, and closure demand without technical inheritance.
MB076 P3:PB39 P3-SD04 T09 R15	GOT-V1-3a-2 Source label: Kuhn	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§11, endnote 7. Paradigm stabilisation supplies a science-historical comparator for retrospective inevitability. The paper generalises stabilisation and branch-memory without inheriting paradigm theory.
MB082 P3:PB41 P3-SD04 T09 R16	GOT-V1-3a-2 Source label: Lempert	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	§10, endnote 6. Robust adaptive policy under deep uncertainty specialises corrigible action. The quantitative decision method is not inherited.
MB088 P3:PB44 P3-SD04 T09 R17	GOT-V1-3a-2 Source label: Lipton	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	§9, endnote 4. Inference to the best explanation is a comparator. Best Available Formulation is broader in purpose and weaker in closure; explanatory bestness does not supply truth.
MB098 P3:PB48 P3-SD04 T09 R18	GOT-V1-3a-2 Source label: Merton	Maturity: — Class / tag / inheritance: P / N-A / 0	§6, endnote 2. Specified ignorance is historical provenance for making unknowns inquiry-directing. Residual adds an unmet closure condition, a blocked stronger claim, and an update route.
MB128 P3:PB60 P3-SD04 T09 R19	GOT-V1-3a-2 Source label: Rudner	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§10, endnote 5. Inductive risk makes consequences of error relevant to acceptance. This paper keeps action thresholds under residual distinct from stronger truth or explanatory closure.

Publication and source row	Canonical paper and local anchor	Recorded status	Paper-local relation and boundary
MB143 P3:PB65 P3-SD04 T09 R20	GOT-V1-3a-2 Source label: Smithson	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§2, endnote 1. Differentiated and dynamic not-knowing supplies an unknown-status comparator. This paper indexes unknown-status to relation, locus, availability, and closure demand without technical inheritance.
MB145 P3:PB67 P3-SD04 T09 R21	GOT-V1-3a-2 Source label: Stanford	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§11, endnote 7. Unconceived alternatives challenge the inference that eliminating considered candidates exhausts the serious live field. Finite-field incompleteness remains residual.
MB001 P3:PB01 P3-SD04 T09 R22	GOT-V1-3b-3 Source label: Albantakis	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§8, endnote 5. Actual-causation exclusion is a comparator, not this paper's Counterfactual Exclusion: a relevant alternative already in the CIF is not equivalently realised. No IIT formalism is imported.
MB002 P3:PB02 P3-SD04 T09 R23	GOT-V1-3b-3 Source label: Albantakis	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§5, endnote 4. Intrinsic cause-effect power is a comparator for physically constrained counterfactual fields. CIF does not inherit IIT's intrinsic integration requirements.
MB009 P3:PB06 P3-SD04 T09 R24	GOT-V1-3b-3 Source label: Bartlett	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§3, endnote 1. Causal leverage density is an intervention-based semantic-information comparator. Primitive Power instead uses NTC/IPL-localised branch potential without requiring semantic status, viability, or a universal scalar.
MB023 P3:PB09 P3-SD04 T09 R25	GOT-V1-3b-3 Source label: Cartwright	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§4, endnote 2. Causal capacities provide a potential-before-manifestation comparator. Primitive Power retains its own IPL, operative-distinction, comparator, and branch-field discriminator.
MB030 P3:PB14 P3-SD04 T09 R26	GOT-V1-3b-3 Source label: Dahl	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§11, endnote 7. Relational social power supplies a counterfactual difference-making comparator. Primitive Power requires no person, intention, compliance, or social role.
MB072 P3:PB37 P3-SD04 T09 R27	GOT-V1-3b-3 Source label: Klyubin	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	§5, endnote 3. Empowerment is an agent-centric action-channel specialisation of potential influence. CIF requires neither an agent, sensorimotor loop, nor scalar channel capacity.
MB112 P3:PB56 P3-SD04 T09 R28	GOT-V1-3b-3 Source label: Parrondo	Maturity: — Class / tag / inheritance: F / DEP / 1	§9, endnote 6. Narrow thermodynamic dependency for physical carriers, work, entropy, and lawful energetic accounting. The distinction-conditioned branch architecture is not inferred from thermodynamics alone.
MB027 P3:PB12 P3-SD04 T09 R29	GOT-V1-3b-4 Source label: Chockler	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§7, endnote 4. Structural-model degrees of responsibility are an examined comparator. The Responsibility Gradient is ordinal and relational, not their universal scalar allocation.
MB036 P3:PB16 P3-SD04 T09 R30	GOT-V1-3b-4 Source label: Elish	Maturity: A3 Class / tag / inheritance: C / CON / 0	§10, endnote 7. Moral crumple zones specialise proximity and role distortions. The audit must recover distributed transformations rather than assign provenance from the nearest accountable human.

Publication and source row	Canonical paper and local anchor	Recorded status	Paper-local relation and boundary
MB039 P3:PB17 P3-SD04 T09 R31	GOT-V1-3b-4 Source label: Fearnley	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§8, endnote 5. Omission responsibility supplies a non-application comparator. This paper additionally requires Immediate-Frame availability, governance of application or withholding, and material contribution under comparison.
MB057 P3:PB28 P3-SD04 T09 R32	GOT-V1-3b-4 Source label: Hart	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	§10, endnote 6. The responsibility taxonomy is a precursor to separating causal contribution, role, and liability. The Provenance/Warrant distinction is not inherited from that taxonomy.
MB064 P3:PB31 P3-SD04 T09 R33	GOT-V1-3b-4 Source label: Hu	Maturity: — Class / tag / inheritance: P / N-A / 0	§5, endnote 2. Agentic-AI responsibility provenance is a functionally significant adjacency and independent convergence. The primitive locus-indexed account does not inherit its tensor or agentic framework.
MB132 P3:PB62 P3-SD04 T09 R34	GOT-V1-3b-4 Source label: Sartorio	Maturity: A3 Class / tag / inheritance: C / CON / 0	§2, endnote 1. Moral responsibility without causation is an adversarial boundary comparator. Primitive Responsibility remains causal-attributional; mature Responsibility Warrants may use additional grounds.
MB153 P3:PB71 P3-SD04 T09 R35	GOT-V1-3b-4 Source label: Thompson	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§6, endnote 3. The many-hands problem supplies a mature-domain comparator for distributed responsibility. Provenance remains a graph of local distinction-conditioned transformations.
MB003 P3:PB03 P3-SD04 T09 R36	GOT-V1-3b-5 Source label: Alfano	Maturity: — Class / tag / inheritance: P / N-A / 0	§7, endnote 6. Exact-term provenance for vicarious trust in mediated interpersonal reliance with delegation and ratification. The paper generalises to outsourced closure-work across persons and other carriers.
MB006 P3:PB04 P3-SD04 T09 R37	GOT-V1-3b-5 Source label: Baier	Maturity: A3 Class / tag / inheritance: C / CON / 0	§10, endnote 9. Vulnerability and betrayal in mature interpersonal trust provide adversarial scope pressure. Primitive reliance closure is intentionally lower-level; mature normative structures are recovered separately.
MB043 P3:PB19 P3-SD04 T09 R38	GOT-V1-3b-5 Source label: Gambetta	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§6, endnote 5. Expectation under uncertainty supplies a threshold comparator. The paper’s trust threshold is not inherently probabilistic or restricted to agent-to-agent relations.
MB047 P3:PB21 P3-SD04 T09 R39	GOT-V1-3b-5 Source label: Gillespie	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	§11, endnote 10. Organisational trust repair specialises correction of failure-generating conditions. General repair must restore, narrow, or refuse reduced audit; reassurance alone is insufficient.
MB048 P3:PB22 P3-SD04 T09 R40	GOT-V1-3b-5 Source label: Gilly	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§10, endnote 8. Platform-specific trust laundering is an examined comparator and independent-convergence candidate. No developmental dependence or inheritance is established.
MB052 P3:PB25 P3-SD04 T09 R41	GOT-V1-3b-5 Source label: Habets	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§5, endnote 4. Basic trust in skilled environmental engagement is a human ecological comparator. The paper grounds a broader retained and updateable reliance function under residual.
MB055 P3:PB26 P3-SD04 T09 R42	GOT-V1-3b-5 Source label: Hardwig	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§7, endnote 6. Epistemic dependence is a comparator for reliance where individuals cannot reconstruct all evidence locally. Outsourced closure-work retains residual and refuses automatic warrant transfer.

Publication and source row	Canonical paper and local anchor	Recorded status	Paper-local relation and boundary
MB059 P3:PB29 P3-SD04 T09 R43	GOT-V1-3b-5 Source label: Hawley	Maturity: A3 Class / tag / inheritance: C / CON / 0	§10, endnote 9. The commitment-based distinction between trust and mere reliance supplies adversarial scope pressure. The paper explicitly uses a lower reliance-closure function.
MB070 P3:PB36 P3-SD04 T09 R44	GOT-V1-3b-5 Source label: Johansson	Maturity: — Class / tag / inheritance: P / N-A / 0	§9, endnote 7. Prior trust-carrier terminology in organisational accounting is acknowledged. Carrier status is generalised while reliance-strength remains distinct from Responsibility Provenance.
MB080 P3:PB40 P3-SD04 T09 R45	GOT-V1-3b-5 Source label: Lee	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§12, endnote 11. Human-automation trust specialises calibration of reliance. The paper generalises carrier, residual, threshold, safeguard, update, and affected-locus controls without inheriting a human-factors primitive.
MB091 P3:PB46 P3-SD04 T09 R46	GOT-V1-3b-5 Source label: Luhmann	Maturity: — Class / tag / inheritance: P / N-A / 0	§2, endnote 2. Social complexity reduction supplies a precursor. Branch-space economy is broader, indexed to finite locus, closure demand, residual, threshold, audit, and update; systems theory is not inherited.
MB144 P3:PB66 P3-SD04 T09 R47	GOT-V1-3b-5 Source label: Sperber	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	§3, endnote 3. Epistemic vigilance specialises rechecking in communication. Primitive audit extends relation-revalidation beyond communicative, propositional, or human cases.
MB147 P3:PB68 P3-SD04 T09 R48	GOT-V1-3b-5 Source label: Stewart	Maturity: — Class / tag / inheritance: P / N-A / 0	§9, endnote 7. Trust transfer through organisational association and linkage is a separate provenance relation. The paper generalises carrier-mediated reliance without transferring Responsibility Provenance.
MB160 P3:PB75 P3-SD04 T09 R49	GOT-V1-3b-5 Source label: Walker	Maturity: A3 Class / tag / inheritance: C / CON / 0	§10, endnote 9. Moral repair of damaged normative trust supplies adversarial scope pressure. The paper distinguishes primitive trust failure from richer agency- and norm-sensitive repair.
MB163 P3:PB76 P3-SD04 T09 R50	GOT-V1-3b-5 Source label: Wittgenstein	Maturity: — Class / tag / inheritance: P / N-A / 0	§2, endnote 1. Practical limits to repeated justification provide philosophical provenance. The finite-locus reliance account inherits no language-game epistemology and does not make continuation closure.
MB008 P3:PB05 P3-SD04 T09 R51	GOT-V1-3c-6 Source label: Baron	Maturity: — Class / tag / inheritance: E / N-A / 1	§12, endnote 11. Outcome-bias evidence supports the separation of decision quality from outcome success. It is an empirical operational dependency only, without wider framework inheritance.
MB019 P3:PB07 P3-SD04 T09 R52	GOT-V1-3c-6 Source label: Bloomfield	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§9, endnote 8. Assurance 2.0 is a close methodological specialisation organising claims, evidence, defeaters, and residual doubts. The paper generalises beyond assurance of critical properties.
MB022 P3:PB08 P3-SD04 T09 R53	GOT-V1-3c-6 Source label: Bowker	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§5, endnote 4. Infrastructural classifications and standards supply a comparator. TEM adds the recoverable relation, locus, abstraction, evidence, residual, safeguard, and update burden.
MB044 P3:PB20 P3-SD04 T09 R54	GOT-V1-3c-6 Source label: Gebru	Maturity: — Class / tag / inheritance: P / N-A / 0	§7, endnote 6. Dataset documentation specialises provenance, composition, intended use, and limitations. The general claim packet carries additional relation, closure, comparison, residual, and action burdens.

Publication and source row	Canonical paper and local anchor	Recorded status	Paper-local relation and boundary
MB068 P3:PB35 P3-SD04 T09 R55	GOT-V1-3c-6 Source label: Ionescu	Maturity: — Class / tag / inheritance: P / N-A / 0	§4, endnote 3. Epistemic debt as accumulated technical ignorance in smart manufacturing supplies prior terminology. The present usage concerns deferred grounding of load-bearing claims; no inheritance is claimed.
MB086 P3:PB42 P3-SD04 T09 R56	GOT-V1-3c-6 Source label: Li	Maturity: — Class / tag / inheritance: P / N-A / 0	§4, endnote 3. Epistemic debt as deferred verification in AI-assisted research is an independent terminology use. The present load-bearing-grounding account makes no priority or inheritance claim.
MB087 P3:PB43 P3-SD04 T09 R57	GOT-V1-3c-6 Source label: Lipsky	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	§3, endnote 1. Street-level discretion specialises situated judgement under rules and resource limits. The paper generalises recoverability of consequential judgement without inheriting the institutional theory.
MB100 P3:PB50 P3-SD04 T09 R58	GOT-V1-3c-6 Source label: Mitchell	Maturity: — Class / tag / inheritance: P / N-A / 0	§7, endnote 6. Model documentation specialises evaluation conditions, intended use, and limitations. The general claim packet carries additional relation, closure, comparison, residual, and action burdens.
MB107 P3:PB52 P3-SD04 T09 R59	GOT-V1-3c-6 Source label: Nissenbaum	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§3, endnote 2. Computerised accountability barriers are a comparator for non-transfer and non-erasure of responsibility. Responsibility Provenance/Warrant remains inherited from GOT.
MB117 P3:PB58 P3-SD04 T09 R60	GOT-V1-3c-6 Source label: Power	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	§10, endnote 9. Institutional auditing supplies a critical comparator for proportional formalisation. Forms, compliance, and auditability must not replace relation-preservation.
MB123 P3:PB59 P3-SD04 T09 R61	GOT-V1-3c-6 Source label: Raji	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§11, endnote 10. Lifecycle algorithmic auditing specialises prospective and retrospective recoverability. The general claim path does not make documentation or organisational audit epistemic warrant.
MB135 P3:PB63 P3-SD04 T09 R62	GOT-V1-3c-6 Source label: Selbst	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§7, endnote 5. Fairness abstraction traps specialise the failure of machine execution to repair upstream under-specification. The argument extends beyond fairness and machine learning.
MB156 P3:PB73 P3-SD04 T09 R63	GOT-V1-3c-6 Source label: Toulmin	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	§9, endnote 7. Structured practical justification is a historical comparator. The claim packet does not adopt the Toulmin model and includes distinct finite-access and reliance-path burdens.
MB028 P3:PB13 P3-SD04 T09 R64	GOT-V1-3c-7 Source label: Cihon	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§9, endnote 8. AI certification specialises the certification-closure guardrail. A certificate remains a scoped operational trust carrier with residual and re-audit conditions, not epistemic ground.
MB056 P3:PB27 P3-SD04 T09 R65	GOT-V1-3c-7 Source label: Hart	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	§7, endnote 6. Legal rules of change specialise amendment grammar. Legitimate epistemic revision requires demonstrated relational failure and comparative preservation, beyond authorised procedure.
MB060 P3:PB30 P3-SD04 T09 R66	GOT-V1-3c-7 Source label: Hirschman	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§8, endnote 7. Exit and voice supply an organisational-response comparator for dissent and alternatives. A method fork is not merely exit and dissent is not merely voice.

Publication and source row	Canonical paper and local anchor	Recorded status	Paper-local relation and boundary
MB090 P3:PB45 P3-SD04 T09 R67	GOT-V1-3c-7 Source label: Longino	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§4, endnote 3. Social critical interaction supplies an objectivity comparator. Public challenge can expose relational failure but participation or consensus does not establish epistemic standing.
MB099 P3:PB49 P3-SD04 T09 R68	GOT-V1-3c-7 Source label: Meyer	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	§2, endnote 1. Institutional decoupling supplies a comparator for formal legitimacy without corresponding practice. Governance carriers must preserve recoverable relation rather than symbolic authority.
MB108 P3:PB53 P3-SD04 T09 R69	GOT-V1-3c-7 Source label: Nyman	Maturity: A3 Class / tag / inheritance: P/C / SPEC / 0	§8, endnote 7. Competitive forks supply prior terminology and an open-source operational specialisation. A rival method must preserve comparison, residual, scope, and update to serve correction.
MB109 P3:PB54 P3-SD04 T09 R70	GOT-V1-3c-7 Source label: O'Mahony	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	§6, endnote 5. Corrigible authority in an open-source community is an operational governance comparator. Democratic or custodial authority may govern correction without creating epistemic strength by status.
MB110 P3:PB55 P3-SD04 T09 R71	GOT-V1-3c-7 Source label: Ostrom	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§5, endnote 4. Institutional operational/collective/constitutional choice levels specialise level separation. The method’s own three levels do not inherit IAD or institutional rule-making authority.
MB117 P3:PB58 P3-SD04 T09 R72	GOT-V1-3c-7 Source label: Power	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	§2, endnote 1. Verification limits and dysfunctional audit effects supply a comparator for form-as-authority. Governance retains relation-preservation, residual, comparison, safeguard, and update.
MB148 P3:PB69 P3-SD04 T09 R73	GOT-V1-3c-7 Source label: Stigler	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§3, endnote 2. Regulatory capture is a restricted domain specialisation. The wider capture account covers pressures weakening relation-preserving burdens; no public-choice framework is inherited.
MB154 P3:PB72 P3-SD04 T09 R74	GOT-V1-3c-7 Source label: Timmermans	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§5, endnote 4. Local universality specialises workable situated adaptation of protocols. It does not supply the method’s governance framework.
MB002 P3:PB02 P3-SD04 T09 R75	GOT-V1-3c-8 Source label: Albantakis	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	§4, endnote 3. Intrinsic cause-effect repertoires formally specialise physically supported counterfactual possibility fields in conditional Power audits. IIT is not inherited as technical ground.
MB024 P3:PB10 P3-SD04 T09 R76	GOT-V1-3c-8 Source label: Cartwright	Maturity: A3 Class / tag / inheritance: C / CON / 0	§9, endnote 8. Heterogeneous scientific reliability supplies adversarial pressure against a universal method guarantee. TEM cannot replace domain judgement or create closure by completion.
MB027 P3:PB12 P3-SD04 T09 R77	GOT-V1-3c-8 Source label: Chockler	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	§4, endnote 3. Structural-model responsibility formally specialises conditional counterfactual attribution. TEM retains NTC/IPL/Power and Provenance/Warrant distinctions without inheriting a universal scalar.
MB073 P3:PB38 P3-SD04 T09 R78	GOT-V1-3c-8 Source label: Knobloch	Maturity: — Class / tag / inheritance: P / N-A / 0	§3, endnote 2. Relational uncertainty has prior interpersonal-communication usage. TEM uses a different indexed relation-preservation meaning; this is terminology provenance and disambiguation, not inheritance.

Publication and source row	Canonical paper and local anchor	Recorded status	Paper-local relation and boundary
MB096 P3:PB47 P3-SD04 T09 R79	GOT-V1-3c-8 Source label: Mayo	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§6, endnote 6. Evidential severity specialises discriminatory comparator pressure. The method neither inherits error-statistical formalism nor restricts comparison to statistical inference.
MB103 P3:PB51 P3-SD04 T09 R80	GOT-V1-3c-8 Source label: Moreau	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§5, endnote 5. PROV-style provenance specialises recoverable entity/activity/agent paths. Provenance or record recovery does not by itself supply epistemic warrant.
MB117 P3:PB58 P3-SD04 T09 R81	GOT-V1-3c-8 Source label: Power	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	§9, endnote 8. Institutional auditing is a direct comparator for method-compliance hardening into compliance ritual. Procedural completion does not establish relation-preservation.
MB128 P3:PB60 P3-SD04 T09 R82	GOT-V1-3c-8 Source label: Rudner	Maturity: A3 Class / tag / inheritance: C / SPEC / 0	§8, endnote 7. Inductive risk specialises consequence-sensitive acceptance and action thresholds. Action under residual remains distinct from truth or closure status.
MB156 P3:PB73 P3-SD04 T09 R83	GOT-V1-3c-8 Source label: Toulmin	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§2, endnote 1. Practical argumentation is a structural neighbour. The claim path additionally carries indexed finite-access, carrier, reliance, residual, safeguard, and update burdens without adopting the Toulmin framework.
MB157 P3:PB74 P3-SD04 T09 R84	GOT-V1-3c-8 Source label: Ulrich	Maturity: A3 Class / tag / inheritance: C / OVL / 0	§4, endnote 4. Critical Systems Heuristics specialises explicit boundaries and affected parties. The method is broader than normative systems design and does not inherit that framework.

Local identity and relation controls

P1 source control 5

P1-SD04 T05 | P1 local scope | 4 source records retained in order

Source / control	Paper 1 relation	Paper 2 relation	Paper 3 relation	Part-level control
PB09 Forterre (2011)	Not locally admitted in the current Paper 1 bibliography.	A3; C / REF / 0. Throughput-identity comparator at heading 5.5, note 4. The free virion / intracellular virocell distinction is close to free-phase / host-completed attribution, but Life-in-Potential is not inherited from the virocell concept.	A3; C / REF / 0. Procedural comparator at headings 5.3 and 5.4, note 4. Supports separation of inert free phase from host-completed intracellular phase; the Paper 3 attribution sequence and classifications remain independent.	One publication; two related but distinct comparator uses. No inheritance.

Source / control	Paper 1 relation	Paper 2 relation	Paper 3 relation	Part-level control
PB18 Lennon & Jones (2011)	Not locally admitted in the current Paper 1 bibliography.	E / N-A / 1. heading 5.3, note 3. Empirical support for dormancy as reversible reduced activity; intrinsic resumability remains the Paper 2 attribution criterion.	E / N-A / 1. heading 5.1, note 2. Empirical support for low-activity yet resumable biological states; GOT dormant-Life classification is not inherited from the source.	Same empirical literature supports two local claims. Operational evidence use does not transfer the surrounding framework.
PB20 Montévil & Mossio (2015)	Local endnote relation: close organisational neighbour; acknowledged without technical dependence. Closure of constraints does not establish the Paper 1 NTC/IPL burden.	A3; C / OVL / 0. heading 1.6 maintained-interface comparator, note 2. Organisational closure may help mark interacting biological boundaries, but closure alone does not establish Attribution Locus or life-status.	Not admitted. Paper 3 H03 is a scoped X6 hold on the Paper 2 biological-individuality / holobiont / organisational-closure family because Paper 3 inherits attribution architecture and should not duplicate Paper 2 provenance merely because exemplars apply it.	Deduplicate the publication record; preserve P1 and P2 local meanings and the P3 non-duplication boundary.
Control consequence	Repeated citation has no upgrading effect.	Paper-local coded relation governs.	Paper-local coded relation or scoped hold governs.	No source is promoted to dependency or Indexed Inheritance by accumulation across Part 1.

P2a source control 4

P2-SD04 T04 | P2a local scope | 5 source records retained in order

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

P2a source control 7

P2-SD04 T07 | P2a local scope | 7 source records retained in order

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.
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.

P2a source control 8

P2-SD04 T08 | P2a local scope | 9 source records retained in order

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

Series identifier	Citation role	Referenced manuscript
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

P2a source control 9

P2-SD04 T09 | P2a local scope | 4 source records retained in order

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.

Source / control	Paper 1 relation	Paper 1a relation	Paper 1b relation	Part-level control
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.

P2b source control 16

P2-SD04 T16 | P2b local scope | 2 source records retained in order

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.

P3 source control 5

P3-SD04 T05 | P3 local scope | 4 source records retained in order

Region	Paper-local occurrences	Unique publication identities inside region	Control
Section 3a	21	20	Papers 3a-1–3a-2; horizon/unknown relations remain local.

Region	Paper-local occurrences	Unique publication identities inside region	Control
Section 3b	29	29	Papers 3b-3–3b-5; Power/Responsibility/Trust relations remain distinct.
Section 3c	34	31	Papers 3c-6–3c-8; Formalisation/Governance/Method relations remain distinct.
Whole Part	84	77	Deduplicate identity only; preserve all 84 paper-local relation records.

P3 source control 8

P3-SD04 T08 | P3 local scope | 6 source records retained in order

Publication identity	Paper-local uses	Control
Kuhn, T. S. (1970). The structure of scientific revolutions (2nd ed., enlarged). University of Chicago Press.	3a-1: C / OVL / 0; §11, endnote 8. Paradigm stabilisation and retrospective reconstruction provide a science-historical specialisation of stabilisation and lost branch visibility; paradigm theory is not inherited. 3a-2: C / OVL / 0; §11, endnote 7. Paradigm stabilisation supplies a science-historical comparator for retrospective inevitability. The paper generalises stabilisation and branch-memory without inheriting paradigm theory.	Same publication identity; each paper-local relation remains separately recoverable. Recurrence does not strengthen inheritance.
Rudner, R. (1953). The scientist qua scientist makes value judgments. Philosophy of Science, 20(1), 1-6. https://doi.org/10.1086/287231	3a-2: C / OVL / 0; §10, endnote 5. Inductive risk makes consequences of error relevant to acceptance. This paper keeps action thresholds under residual distinct from stronger truth or explanatory closure. 3c-8: C / SPEC / 0; §8, endnote 7. Inductive risk specialises consequence-sensitive acceptance and action thresholds. Action under residual remains distinct from truth or closure status.	Same publication identity; each paper-local relation remains separately recoverable. Recurrence does not strengthen inheritance.

Publication identity	Paper-local uses	Control
Albantakis, L., & Tononi, G. (2015). The intrinsic cause-effect power of discrete dynamical systems—From elementary cellular automata to adapting animats. Entropy, 17(8), 5472-5502. https://doi.org/10.3390/e17085472	3b-3: C / OVL / 0; §5, endnote 4. Intrinsic cause-effect power is a comparator for physically constrained counterfactual fields. CIF does not inherit IIT's intrinsic integration requirements. 3c-8: C / SPEC / 0; §4, endnote 3. Intrinsic cause-effect repertoires formally specialise physically supported counterfactual possibility fields in conditional Power audits. IIT is not inherited as technical ground.	Same publication identity; each paper-local relation remains separately recoverable. Recurrence does not strengthen inheritance.
Chockler, H., & Halpern, J. Y. (2004). Responsibility and blame: A structural-model approach. Journal of Artificial Intelligence Research, 22, 93-115. https://doi.org/10.1613/jair.1391	3b-4: C / OVL / 0; §7, endnote 4. Structural-model degrees of responsibility are an examined comparator. The Responsibility Gradient is ordinal and relational, not their universal scalar allocation. 3c-8: C / SPEC / 0; §4, endnote 3. Structural-model responsibility formally specialises conditional counterfactual attribution. TEM retains NTC/IPL/Power and Provenance/Warrant distinctions without inheriting a universal scalar.	Same publication identity; each paper-local relation remains separately recoverable. Recurrence does not strengthen inheritance.
Power, M. (1999). The Audit Society: Rituals of Verification. Oxford University Press. https://doi.org/10.1093/acprof:oso/9780198296034.001.0001	3c-6: C / SPEC / 0; §10, endnote 9. Institutional auditing supplies a critical comparator for proportional formalisation. Forms, compliance, and auditability must not replace relation-preservation. 3c-7: C / SPEC / 0; §2, endnote 1. Verification limits and dysfunctional audit effects supply a comparator for form-as-authority. Governance retains relation-preservation, residual, comparison, safeguard, and update. 3c-8: C / SPEC / 0; §9, endnote 8. Institutional auditing is a direct comparator for method-compliance hardening into compliance ritual. Procedural completion does not establish relation-preservation.	Same publication identity; each paper-local relation remains separately recoverable. Recurrence does not strengthen inheritance.
Toulmin, S. E. (1958). The Uses of Argument. Cambridge University Press.	3c-6: C / SPEC / 0; §9, endnote 7. Structured practical justification is a historical comparator. The claim packet does not adopt the Toulmin model and includes distinct finite-access and reliance-path burdens. 3c-8: C / OVL / 0; §2, endnote 1. Practical argumentation is a structural neighbour. The claim path additionally carries indexed finite-access, carrier, reliance, residual, safeguard, and update burdens without adopting the Toulmin framework.	Same publication identity; each paper-local relation remains separately recoverable. Recurrence does not strengthen inheritance.

Hold exclusion and residual register

Held and excluded candidates are retained as branch-memory, not admitted into the master bibliography on that basis. Admission in one paper does not cancel a hold in another. Search residuals remain attached to the paper that carries them.

P1 branch memory and residual 7

P1-SD04 T07 | P1 local scope | 13 source records retained in order

Paper	Candidate / family	Current control state	Reason / update condition
P1	Walker & Davies (2013), The Algorithmic Origins of Life	Hold; A3; C / SPEC / 0; X6	Strong problem-level neighbour on information gaining causal efficacy in living systems, but top-down causation is central to the external proposal and is not required by Paper 1. Revisit only if hierarchical/top-down causation becomes locally load-bearing.
P1	Anderson & Piccinini (2024), The Physical Signature of Computation	Hold; A3; C / OVL / 0; X3	Major contemporary physical-computation comparator, but Chalmers, Horsman, and the now-published Lizier provenance/comparator relation already cover the local implementation/triviality burden. Revisit if Paper 1 expands its general theory of physical computation.
P1	Solé et al. (2024), Fundamental constraints to the logic of living systems	Hold; A2; A / ADJ / 0; X3	Broad thermodynamic/informational/computational constraint adjacency. Current Paper 1 already decomposes this neighbourhood through more specific admitted sources; revisit if universal living-system constraint families become a distinct claim.
P1	Terminology residual: Counterfactual Order Advantage; Information Processing Locus; Nested Multiscale Framework; Baseline Dynamics	Residual; X5 where applicable	No material prior technical construct matching Counterfactual Order Advantage was identified in the targeted sweep. IPL, NMF, and Baseline Dynamics have generic/descriptive lexical neighbours but no verified relation sufficient for publication beyond the admitted bibliography. Preserve as terminology branch-memory; do not claim exhaustive uniqueness.
P2	Clegg (2001), cryptobiosis	Hold; X3	Redundant for current text once Lennon & Jones represents dormancy. Revisit if cryptobiosis becomes load-bearing.

Paper	Candidate / family	Current control state	Reason / update condition
P2	DiFrisco (2018), biological process identity/persistence	Hold; A2 / A-ADJ-0	Real adjacency but outside the minimum sufficient set. Revisit if a process-identity comparator becomes explicit.
P2	Moreira & López-García (2009), virus/life debate	Hold; A2	Useful opposing literature but too binary for the present local relation. Revisit if the virus comparator is expanded.
P2	Kirchhoff et al. (2018), Markov blankets	Exclude; X3 / X6	Formal/statistical boundary does not establish maintained informational boundary or Attribution Locus. Revisit only if a formal statistical-boundary apparatus is adopted.
P2	Gilbert, Sapp & Tauber (2012); Clarke (2010); West et al. (2015)	Hold; X3	Redundant biological-individuality neighbourhood once the admitted comparator set is present.
P2	Hinrichs et al. (2026) preprint, Life as Plasmas	Hold; A2; C / SPEC / 0; X6	Source identity and adjacency are now sufficiently verified to move beyond A0/X7. The work concerns physical admissibility/minimal-autonomy criteria and fits the life-threshold/autonomy neighbourhood more strongly than Paper 2 attribution architecture. Revisit only if those criteria become locally material to Attribution Locus or continuity.
P3	Catling et al., exoplanet biosignature Bayesian assessment	Hold; A2 / X3 / X6	Relevant to probabilistic biosignature warrant but redundant locally once Neveu / Green / Parenteau represent the closer methodological neighbourhood.
P3	Yao, three-way decision theory	Exclude; A1 / X5 / X6	Accept / reject / noncommitment is only a high-level resemblance. Paper 3 residual deferral is not a third class or generic decision region.
P3	Paper 2 biological individuality / holobiont / organisational-closure comparator family	Scoped hold; X6	Primary bibliographic home is Paper 2. Paper 3 inherits the attribution architecture and should not duplicate Paper 2 provenance merely because its exemplars apply it.

P2a branch memory and residual 11

P2-SD04 T11 | P2a local scope | 4 source records retained in order

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.

P2b branch memory and residual 17

P2-SD04 T17 | P2b local scope | 23 source records retained in order

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.
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.

Paper	Candidate / family	Current status	Reason for hold / exclusion	Update condition
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.
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.
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.

Paper	Candidate / family	Current status	Reason for hold / exclusion	Update condition
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.

P2b branch memory and residual 18

P2-SD04 T18 | P2b local scope | 6 source records retained in order

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.
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.

P3 branch memory and residual 10

P3-SD04 T10 | P3 local scope | 8 source records retained in order

Paper	Held / excluded candidates	Control and update condition
3a-1	Turing (1937); Clark & Chalmers (1998); Floridi (2008).	Retain as formal computability, extended-mind, and abstraction neighbours where locally redundant or scope-misaligned. Reopen only if those narrower relations become load-bearing in Paper 3a-1.
3a-2	Alchourrón, Gärdenfors & Makinson (1985); Knight (1921); Simon (1955); Walley (1991); adaptive-management literature including Williams et al.	Retain formal belief-revision, risk/uncertainty, satisficing, imprecise-probability, and adaptive-management neighbours. Reopen only if Paper 3a-2 adopts the corresponding formal or decision architecture.
3b-3	Woodward interventionism; Kolchinsky & Wolpert semantic information; control-theoretic controllability; Hoel causal emergence; Cheng causal-power accounts.	Hold where the neighbour either imports a stronger architecture, duplicates the admitted causal/potential comparators, or shifts from primitive branch potential into higher-order causal or control structure.
3b-4	Fan Mingdi terminology lead; Fischer & Ravizza; Matthias; van de Poel; Cheney-style provenance; Meliou-style responsibility/accountability formalisms.	Hold mature moral-responsibility, responsibility-gap, distributed-responsibility, and provenance programmes unless Paper 3b-4 adopts their stronger agency, normative, or formal machinery. Terminology-only leads remain non-published.
3b-5	O'Neill (2014); Jacovi et al. (2021); Mayer, Davis & Schoorman (1995); Giddens (1990); Ratcliffe (2008); Hoff & Bashir (2015).	Hold normative trustworthiness, explainability/trust, organisational, phenomenological, and automation specialisations where redundant with the admitted set or stronger than the primitive reliance-closure claim.
3c-6	W3C PROV / provenance standards; Gallie-style essentially contested concepts; Kroll et al. accountability; broader assurance/audit frameworks already locally redundant.	Reopen only if provenance formalism, contested-concept theory, or algorithmic accountability becomes a direct technical dependency rather than a comparator to recoverability.
3c-7	Lessig and wider code/regulation programmes; broader standards, accreditation, conformity-assessment, and institutional capture literatures.	Hold where operational governance is informative but does not improve the paper-specific discriminator: amendment and authority remain answerable to demonstrated relation-preservation.
3c-8	Metcalf et al. (2023); O'Neill (2014); Tim Kelly, Arguing Safety (1998); generic 'epistemic method', 'epistemic audit', and 'relational audit' term families.	Hold machine-specific accountability, normative trustworthiness, safety-case assurance, and generic terminology where they do not reproduce the full integrated audit architecture or are redundant with stronger admitted comparators.

P3 branch memory and residual 11

P3-SD04 T11 | P3 local scope | 8 source records retained in order

Paper	Residual carried forward
3a-1	Further proof-theoretic families; phenomenology/direct realism; institutional ignorance; legal access; archival/lost alternatives; verification/interpretability; non-English and inaccessible work.

Paper	Residual carried forward
3a-2	Further formal revision/uncertainty calculi; risk traditions; adaptive management; imprecise probability; non-English/inaccessible scholarship; terminology-independent analogues.
3b-3	Control theory; interventionist causation; causal emergence; semantic information; agency/control measures; social-power genealogies; thermodynamic work-channel formalisms; unrecognised cross-disciplinary branch-potential analogues.
3b-4	Moral/legal responsibility; omission; distributed agency; accountability; provenance; responsibility gaps; formal causal responsibility; institutional allocation; non-English/inaccessible work.
3b-5	Attachment/developmental trust; phenomenology; games; fiduciary/legal reliance; legitimacy/certification; trust transfer and repair; machine trust; non-English/inaccessible work.
3c-6	Legal/administrative formalisation; public-sector discretion; standards/certification; organisational categories; assurance/safety cases; algorithmic audit; non-English/inaccessible work.
3c-7	Jurisprudential amendment; accreditation/conformity assessment; metascience; fork governance; public participation; verification/validation; AI certification; non-English/inaccessible work.
3c-8	Further formal epistemology; legal evidence; systems assurance; audit standards; reliability theory; methodology critique; domain-specific implementations; non-English/inaccessible work.

Local discovery boundaries

P1 recorded discovery residual

P1-SD04 source section 7. The following local residual statement is retained from the part register; historical dates and audit claims remain source history.

This Part consolidation does not expand the discovery perimeter beyond the completed paper-level work. Paper 1 now carries a targeted audit upgrade against FD16, including the admitted Lizier et al. terminology/provenance comparator and Kolchinsky & Wolpert information-maintenance comparator, plus explicit hold/exclusion branch-memory. Paper 2 and Paper 3 carry their historical coded audits forward only where the 2026-08-12 posture/delta checks found no material change in relation, locator, or update condition.

Paper 3 retains the deliberate scope boundary that biological-individuality, holobiont, and organisational-closure comparators owned by Paper 2 are not duplicated merely because the procedure applies the inherited attribution architecture. The same ownership discipline applies upward: later-Part concepts are not imported into Part 1 to pre-install downstream architecture.

No further material adjacency is asserted by this document. Unsearched, inaccessible, held, excluded, or unrecognised adjacency remains residual. The Part bibliography should therefore be read as the current minimum-sufficient recoverable publication set, not as an exhaustive literature survey.

P2a recorded discovery residual

P2-SD04 source section 7. The following local residual statement is retained from the part register; historical dates and audit claims remain source history.

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.

P2b recorded discovery residual

P2-SD04 source section 7. The following local residual statement is retained from the part register; historical dates and audit claims remain source history.

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.

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.

P3 recorded discovery residual

P3-SD04 source section 8. The following local residual statement is retained from the part register; historical dates and audit claims remain source history.

This reconciliation checks the Issue 1 reference lists and local endnotes; it does not conduct a new external discovery pass or promote relation classifications. The earlier paper-level discovery and delta/posture work is not an exhaustive prior-art search. The consolidated register preserves the strongest examined neighbourhoods, holds, exclusions, and current source identities. No further material adjacency was identified within the searched fields and search conditions for the completed paper-level passes. Unsearched, inaccessible, non-English, later-published, or unrecognised terminology-independent adjacency remains residual.

Inheritance and maintenance controls

P2b inheritance controls

P2-SD04 T19 | P2b local scope | 7 source records retained in order

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.

Control	Rule
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.

P3 inheritance controls

P3-SD04 T12 | P3 local scope | 8 source records retained in order

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 comparator/adjacency relations unless a separate inheritance audit promotes them.
Indexed Inheritance	No current Part 3 paper-level bibliography relation is promoted here to inheritance level 2.
Formal / technical dependency	Gödel (1931) is F / DEP / 1 in Paper 3a-1 for the formal incompleteness exemplar. Parrondo, Horowitz & Sagawa (2015) is F / DEP / 1 in Paper 3b-3 only for the thermodynamic ground of information processing/work/entropy. Neither transfers the wider originating framework.
Empirical dependency	Baron & Hershey (1988) is E / N-A / 1 in Paper 3c-6 for outcome bias; the wider decision-psychology framework is not inherited.
Provenance remains local	P-class entries recover terminology or intellectual provenance without importing external machinery.
Comparator pressure remains local	C-class entries state overlap, contradiction, or specialisation without becoming a Part-wide dependency.
Conditional audit repetition	Albantakis & Tononi and Chockler & Halpern recur in Paper 3c-8 because the integrated method audits Power/Responsibility claims; that repetition does not make their formalisms TEM dependencies.

A change begins with the paper’s own bibliography or endnote relation. Update the part publication union and local relation register before updating this master. Preserve existing MB identities for the same publication in subsequent issues; add new identities without recycling retired ones. Record any split, merge, correction, demotion or promotion explicitly. The master cannot grant a relation that the paper has not earned.