Appendix B
The Book-Wide Architecture of HPC, Concord, and AI Accountability

Definitions, theoretical relationships, and chapter-by-chapter orientation

This appendix gathers the concepts that orient the book as a whole. It connects Humanistic Productive Capitalism (HPC), the Ghost Vortex™, the Consent Machine™, the Concord Tesseract™, the paired lower and upper A cycles, and the OD + OC = ODC change proposition. Appendix A gives the behavioral anchors, event-coding procedure, and socioeconomic ledger. Appendix B explains the book-wide conceptual architecture. Appendix C presents the chapter-by-chapter score tables, Appendix D specifies the updateable matrix and multiplicative rule, and Appendix E provides the reusable Grok image prompt.

B1. One architecture, two research prongs

The book develops two related lines of inquiry. The first asks how to make the model visible through a reproducible grayscale display: the X–Y–Z leader map, the event-specific A space, the paired A cycles, and the multiplicative M formula. The second asks how to build and assess the evidence: qualitative historical episodes, quantitative counts and impact indicators, and a forensic socio-economic ledger that makes hidden or foregone costs available for inquiry. Neither prong is presented as an established validation. Both are demonstrations open to replication, correction, and falsification.

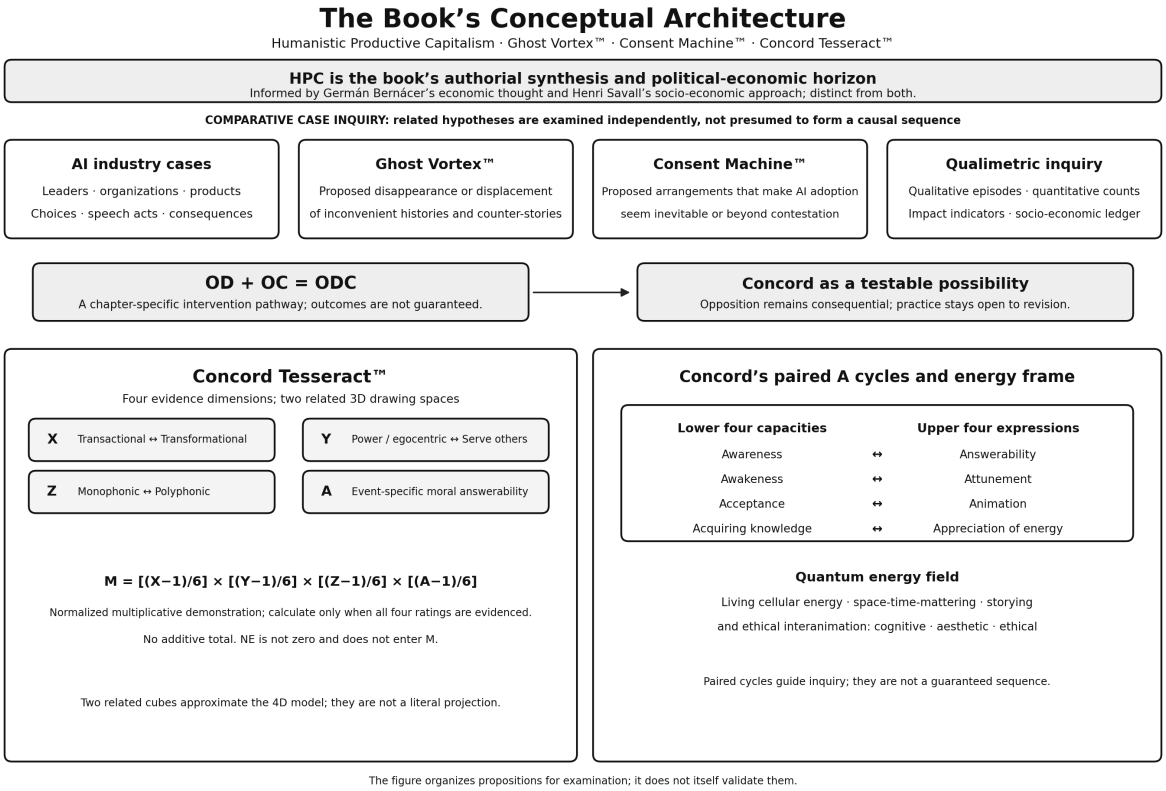


Figure B.1. Book-wide conceptual architecture of HPC, the Ghost Vortex™, the Consent Machine™, Concord, and the two research prongs.

Figure B.1 is a conceptual map, not a causal model. The dashed or directional relationships are propositions for examination. A case may support one construct, both, neither, or changing combinations over time. The figure's paired A cycles are not guaranteed stages, and an ODC intervention does not guarantee Concord.

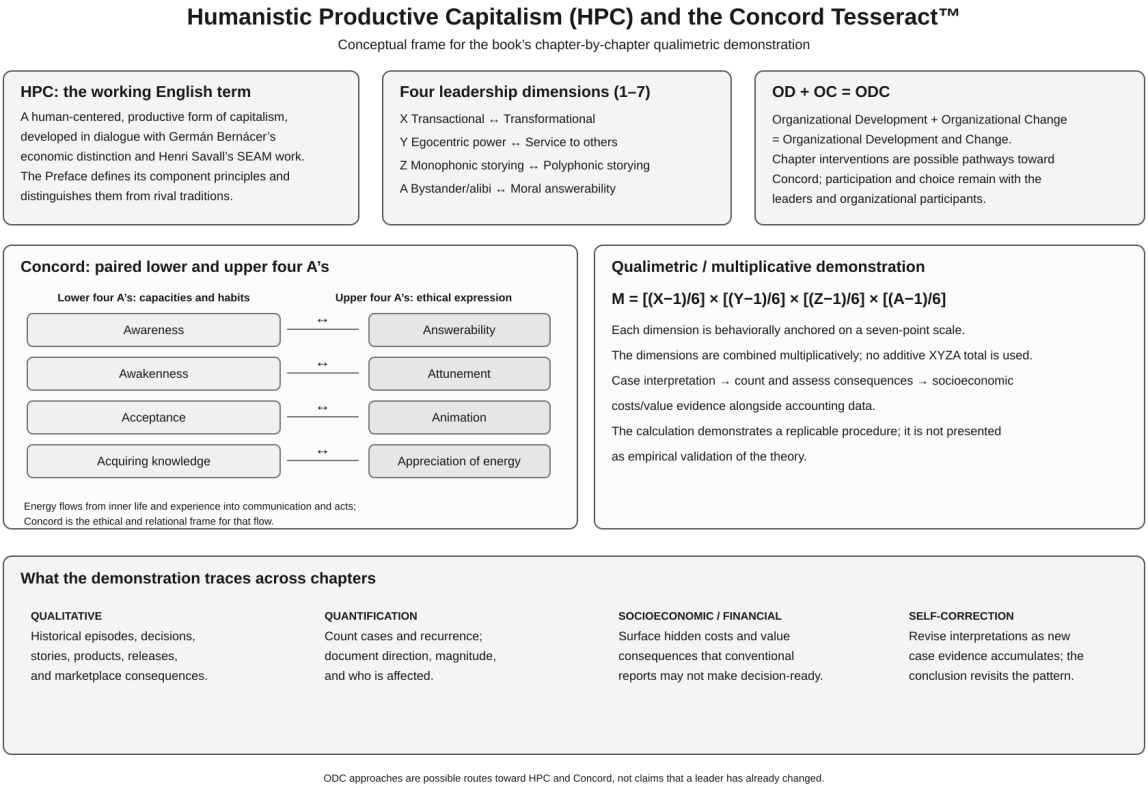


Figure B.2. HPC, the Concord Tesseract™, paired lower and upper four A's, OD + OC = ODC, and the normalized multiplicative qualimetric demonstration.

The figure defines the book's working terms and depicts the chapter-by-chapter demonstration. Report evidence and component ratings; calculate M only when all four dimensions are rated. If any component is NE, M is not calculated.

B2. Humanistic Productive Capitalism and its nine facets

Humanistic Productive Capitalism (HPC) is the author's working name for the book's developing synthesis. The name is not attributed to Germán Bernácer or Henri Savall. Bernácer's economic thought and Savall's socio-economic approach contribute different ideas at different levels: Bernácer's analysis addresses economic production, financial circulation, speculation, and crisis; Savall's SEAM examines organizational dysfunctions, hidden costs, and human potential. Savall's published phrase "socially responsible capitalism" is acknowledged as a related contribution, not treated as a synonym for HPC. The book's position opposes oligarchic concentration, monopoly, speculative capture, and extractive arrangements while retaining room for productive enterprise, private initiative, and accountable entrepreneurship. HPC is not another name for Marxism or socialism; Marx remains an important interlocutor, particularly for commodity fetishism, while Bernácer's economic analysis and Savall's SEAM remain distinct.

The nine facets/components below are lenses gathered under HPC, not nine independent theories or a validated scale. Facets 8 and 9 name especially salient problems; the book's chosen umbrella name is HPC. The ninth facet is not the expansion of the acronym.

No.	Facet	Operational question for this book
1	Bernácerian Productive Capitalism	Centers productive activity and the circulation that supports it; use as an interpretive lens, not a claim that Bernácer coined HPC.
2	Bernácerian Productive Economy	Examines the relationship between production, purchasing power, employment, and economic circulation in Bernácer's account.
3	Bernácerian Free Economy	Preserves the question of economic freedom while analyzing the conditions that contribute to crisis and unemployment.
4	Productive Freedom Capitalism	Connects entrepreneurial freedom with productive activity and the effects of economic arrangements on people.
5	Entrepreneurial Capitalism of Productive Circulation	Asks whether entrepreneurial initiative contributes to productive circulation rather than merely financial capture.
6	Anti-Rentier Productive Capitalism	Examines rent-seeking and speculative claims on value when they divert resources from productive activity.
7	Capitalism for Productive Enterprise	Keeps productive enterprise in view while evaluating how power, returns, and organizational consequences are distributed.
8	Capitalism Without Speculative Greed	Names the critique of speculative accumulation and consumer or investor manipulation where evidence supports those claims.
9	Crisis-Resistant Productive Capitalism	Asks whether productive and organizational arrangements can reduce crisis vulnerability, including bubble dynamics, without claiming crises can be eliminated.

These are sensitizing concepts for the case analysis. They do not justify assigning a firm or leader a facet score without evidence. The book uses the nine facets to explain its political-economic orientation and to guide questions about production, rent, speculation, human consequences, and organizational capability.

B3. Bernácer and Savall: related contributions, distinct frameworks

The book distinguishes three contributions. First, Germán Bernácer was a Spanish economist whose work provides an economic critique of speculative and rentier arrangements and a way to think about productive circulation and crisis. Second, Henri Savall and colleagues developed the Socio-Economic Approach to Management (SEAM), a management and organizational method for surfacing dysfunctions, hidden costs, and unrealized human potential. Third, the book synthesizes these influences with its own humanistic and answerability commitments under the authorial term HPC. This synthesis should not collapse Bernácer's macroeconomic analysis into SEAM, nor attribute the book's name or all nine facets to either thinker.

The qualimetric financial prong follows the premise that conventional quarterly and annual reporting is prepared for particular accounting and market purposes and may not capture all the socio-economic information needed to evaluate work conditions, coordination, non-production, unrealized potential, stakeholder burdens, and long-term consequences. Reported financial figures remain relevant evidence. The method records them separately from forensic estimates of hidden or foregone socio-economic costs, makes estimation assumptions explicit, and refuses to invent monetary values where evidence is insufficient. See Appendix A for the event-ledger fields and cost-assessment protocol; Appendix D explains how the resulting records inform the updateable score matrix.

B4. The Ghost Vortex™ and the Consent Machine™

Concept	Working definition	Evidence question

Concept	Working definition	Evidence question
Ghost Vortex™	A proposed pattern in which inconvenient organizational histories, counter-stories, labor, material dependencies, or consequences disappear from or are displaced within AI product narratives and organizational accounts.	Which histories or relations become difficult to see or say? What source or comparison demonstrates their omission, displacement, or distortion?
Consent Machine™	A proposed institutional arrangement that presents AI adoption as natural, inevitable, or beyond meaningful contestation, potentially through consulting narratives, contractual restrictions, procurement structures, and narrowed alternatives.	How is acquiescence organized? Who can contest or refuse, what alternatives are visible, and what documentary evidence supports the claim?

The terms are related but not interchangeable. The Consent Machine™ names arrangements that organize acquiescence or inevitability; the Ghost Vortex™ names disappearance or displacement of inconvenient histories and counter-stories. Neither is inferred simply from an AI system's fluent output, nor does either imply a centrally coordinated intention unless evidence supports that attribution. Rival explanations—such as law, safety policy, interface limits, access rules, or ordinary organizational routines—must be considered. The constructs are hypotheses to test, not labels that prove themselves.

B5. Concord and OD + OC = ODC

Concord is the book's proposed organizational development and change possibility: a way to hold difference, opposition, and unresolved tension in relation while making voice consequential, costs visible, and responsibility answerable in practice. Concord is not mere agreement, consensus, harmony imposed by authority, or a public-relations claim that stakeholders have consented. Opposition must remain possible, and an opposing account must be able to affect deliberation, decisions, or subsequent action.

The recurring chapter formula is OD + OC = ODC. An organizational development approach (OD), joined with organizational change (OC), becomes an organizational development and change (ODC) intervention tailored to a case. The formula names a proposed pathway, not a guaranteed result. Each chapter should specify the approach used, the organizational conditions it targets, the anticipated change, observable indicators, possible harms, and evidence that could show the intervention failed.

B6. The Concord Tesseract™ and multiplicative demonstration

The Concord Tesseract™ organizes four leadership dimensions: X, Y, Z, and A. X ranges from transactional to transformational practice; Y ranges from power or egocentric orientation toward serving others; Z ranges from monophonic control toward polyphonic participation; and A concerns moral answerability evidenced in specific events. Each scale uses seven behaviorally anchored ordinal categories. Appendix A defines every anchor and distinguishes the leader-position map from the event-level A cube; Appendix C presents the current score tables, Appendix D gives the updateable matrix procedure and M rule, and Appendix E supplies the reusable image prompt.

$$\mathbf{M = [(X-1)/6] \times [(Y-1)/6] \times [(Z-1)/6] \times [(A-1)/6]}$$

M is a normalized multiplicative demonstration score in the range 0–1. Report it only alongside its component ratings, evidence, and limitations. If any dimension is NE because the reviewed evidence does not support a rating, M is not calculated; NE is not converted to zero. The formula and anchors are provisional operational choices whose assumptions, including the treatment of ordinal categories and endpoint behavior at 1, remain open to testing.

The A event cube uses three visual axes—content and sense; situated eventness and ownership; and integration into action. Those axes make an event drawable as a three-dimensional space. They are not three additional numerical ratings. The larger X–Y–Z cube and smaller A cube are an operational drawing approximation. A mathematical tesseract has 16 vertices, 32 edges, 24 square faces, and 8 cubic cells; the two-cube illustration does not claim to reproduce its full geometry.

B7. The lower and upper A cycles

The paired A model connects inward capacities and habits with relational expressions that may guide energy into action. Pairings are conceptual prompts for reflection and intervention, not fixed developmental stages, scores, or a guarantee of ethical behavior.

Lower four A capacities and habits	Paired upper four A expressions
Awareness	Answerability
Awakeness	Attunement
Acceptance	Animation
Acquiring knowledge	Appreciation of energy

The lower cycle asks what people notice, accept, awaken to, and learn through experience. The upper cycle asks whether those capacities become appreciation, attunement to others and circumstances, animation into action, and moral answerability. Each chapter may revisit the pairings where its evidence and selected ODC approach make them relevant.

B8. Quantum storytelling and the energy frame

The book's quantum energy field is a theoretical frame with three distinguishable elements. First, living human bodies are cellular systems with metabolic energy; this language concerns living bodies and does not make machines living organisms. Second, quantum materiality draws on Karen Barad's account of the inseparability of space-time-mattering. Third, storying and ethical inner animation draw on Bakhtin's architectonic dialogism, where cognitive, aesthetic, and ethical discourses interanimate. These elements are joined conceptually while retaining distinct claims and evidence requirements.

In consulting or True Storytelling circles, breathing, facial expression, posture, and tone of voice may provide clues about a room's relational and emotional energy; they do not provide certain access to another person's thoughts or subconscious state. The working proposition is conditional: if participants attend to these cues, interpret them together, and consider consequences, they may change some habits of action. That possibility should be examined in situated episodes rather than assumed.

B9. How the framework appears across the book

Book location	Use of this architecture
Preface	Introduce the author's intellectual arc and provide the compact grayscale orientation figure. Briefly name HPC, the two diagnostic constructs, Concord, the paired A cycles, OD + OC = ODC, and M; direct readers to Appendix B for definitions.
Introduction	Expand the conceptual distinctions and theoretical lineage; explain the research questions, evidence limits, operational choices, and two methodological prongs. State which propositions remain falsifiable.

Book location	Use of this architecture
Leader chapters	Apply the same X/Y/Z/A anchors and event protocol; identify chapter-specific ODC approach; add dated episodes and consequences; revise cumulative positions only when evidence warrants it; point readers to Appendix A for scoring and Appendix B for the conceptual architecture.
Conclusion	Reassess the ten cases and explain what the demonstration does and does not support; relate HPC, Ghost Vortex™, Consent Machine™, Concord Tesseract™, the Consent Machine book, the Ghost Vortex text, and quantum storytelling without treating the concepts as proven by the illustration.
Appendix A	Provide the full behaviorally anchored scales, three A-cube drawing axes, event and socio-economic ledger, formula, and reusable figure-generation prompt.
Appendix B	Gather book-wide definitions, intellectual relationships, nine HPC facets, paired A cycles, the quantum energy frame, and the compact orientation figure.

B10. Invitation to advance and correct the science

The book offers an auditable demonstration and invites independent researchers to improve it. Readers may propose clearer definitions, better behavioral anchors, alternative ways to collect or count episodes, stronger socio-economic cost methods, different visual displays, or a better multiplicative normalization. They may also falsify propositions about the Ghost Vortex™, the Consent Machine™, HPC, Concord, the paired A cycles, or the effects of ODC interventions. A useful correction identifies its evidence, alternative rule, and consequences for interpretation. Transparent disagreement is part of the inquiry and is consistent with Concord.

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