

The Personal Blueprint and the Built Field

Human Design as Resonance Topology for Organism-Space Coupling

J. Konstapel

Constable Research, Leiden, Netherlands

constable.blog | Academia.edu

This paper builds directly on: Konstapel, J. (2026). "Feng Shui as Resonance Engineering: A Field-Theoretic Reinterpretation of an Ancient Coherence Practice." Constable Research Working Paper.

Abstract

The preceding paper established that the built environment functions as a multi-modal resonant cavity, that the human organism is a bioelectromagnetic oscillator, and that Feng Shui encodes heuristics for maximising their coherent coupling. That framework, however, treated the organism as a generic oscillator — identical across individuals. This paper introduces the *individual dimension*: the personal oscillatory signature. Drawing on Human Design (Ra Uru Hu, 1987) as a formal typology of individual biofield configurations, and on Roger Schank's Expectation Failure Theory as the cognitive-learning substrate of personal pattern, we argue that optimal person-space resonance is not universal but **type-specific**. A Generator, a Projector, a Manifestor, and a Reflector require fundamentally different spatial configurations to achieve coherent organism-environment coupling. Further, each individual's *pattern of personal failures* — the recurrent prediction errors encoded in their psychobiography — constitutes a characteristic **resonance signature** that interacts with specific spatial zones to produce coherence or distortion. We formalise this in the **Personal Resonance Profile (PRP)**: a composite of Human Design type, defined/undefined center topology, and personal failure pattern, which serves as the individual's *impedance specification* for space design. The 19-Layer Quaternion Vacuum Model provides the mathematical substrate linking the PRP to the physics of organism-space coupling. This framework constitutes the foundation of a new discipline: **personalised space design**, or *resonance architecture for the individual*.

Keywords: Human Design, Personal Blueprint, Expectation Failure, resonance architecture, organism-space coupling, biofield, 19LQVM, Feng Shui, personalised design, defined/undefined centers, aura topology, prediction error, Schank, Friston, Free Energy Principle, quaternion field

1. The Missing Variable: Individual Oscillatory Signature

1.1 The Generic Organism Problem

The resonance framework developed in the preceding paper (Konstapel, 2026) established four design objectives for the built environment: eigenmode distribution, flow coherence, Schumann coupling, and prediction error minimisation. These objectives treat the human organism as a universal receiver — a generic bioelectromagnetic oscillator whose coupling requirements are the same for all individuals.

This is, manifestly, not the case. Two people sleeping in the same room may have radically different experiences of its quality. One person thrives in the corner bedroom with its thick walls and minimal airflow; another cannot function there and flourishes in the light-flooded south-facing room. One person is exhausted in open-plan offices; another wilts in small enclosed spaces. One person needs absolute auditory isolation; another requires the hum of ambient human activity to concentrate.

These are not merely personality preferences. They reflect genuine differences in the *oscillatory constitution* of the individual organism — differences in the frequency profile, coupling sensitivity, and resonance topology of the person's bioelectromagnetic field. A theory of optimal person-space coupling that ignores these individual differences is incomplete.

1.2 What Is Needed: A Personal Oscillatory Typology

To personalise the resonance framework, we need a *formal typology of individual oscillatory signatures* — a system that:

1. Classifies individuals according to their characteristic mode of energy generation, coupling, and field geometry
2. Identifies their zones of sensitivity and robustness — where they are open to environmental influence and where they are structurally protected from it
3. Encodes their recurrent patterns of prediction error — the expectation failures that characterise their psychobiography and are therefore encoded in their cognitive-field structure

Human Design, we propose, is precisely such a typology — pre-theoretically encoded, awaiting formal physical interpretation. The Schank Expectation Failure framework provides the cognitive-learning layer. Together, they constitute the individual dimension of the resonance architecture framework.

2. Human Design as Biofield Resonance Typology

2.1 The System and Its Structure

Human Design was transmitted to Ra Uru Hu in 1987 and synthesises four ancient knowledge architectures — the I Ching (64 hexagrams), the Kabbalah (tree of life), the Hindu chakra system, and Western astrology — with modern genetics and quantum physics [Jovian Archive, 2023; Human Design School, 2023]. The resulting system produces an individual *BodyGraph*: a map of nine energy centers, 36 channels, and 64 gates, calculated from birth date, time, and location.

At the structural level, Human Design makes three types of claim:

Typological: The four (or five) Types — Generator, Manifesting Generator, Projector, Manifestor, Reflector — describe fundamentally different modes of biofield operation and aura topology. Each type has characteristic energy dynamics, coupling strategy, and environmental sensitivity [Jovian Archive: The Four Types].

Topological: The defined and undefined centers of the BodyGraph specify which domains of the organism's field have *fixed oscillatory character* (defined = colored, consistent, self-generating) and which are *open to environmental coupling* (undefined = white, variable, amplifying external fields) [Jovian Archive: The 9 Centers, 2023].

Genomic: The 64 gates correspond structurally to the 64 codons of human DNA — both binary systems with 64 states [Jovian Archive: I Ching and Genetic Code, 2025; Human Design Awakening, 2026]. This correspondence, while not yet empirically validated at the mechanistic level, points to a deep isomorphism between the information-encoding structures of ancient Chinese cosmology, human genetics, and the quaternion algebra of the 19LQVM.

2.2 Scientific Status: Honest Assessment

It is essential to be precise about the scientific status of Human Design claims.

Structurally coherent, empirically speculative: The neutrino imprinting mechanism proposed by Ra Uru Hu — that neutrinos from planets imprint the organism's genetic blueprint at birth — has no established empirical support [ahumandesign.com, 2025]. The claim that planetary positions translate directly into gate activations via neutrino information transfer remains unverified by physics.

Structurally isomorphic: The I Ching/DNA correspondence (64 hexagrams : 64 codons) is a genuine numerical isomorphism, widely noted in the literature [Chalkboard Mag, 2019; Orion Ohev, 2022]. This does not prove causal connection but suggests a shared underlying combinatorial architecture.

Phenomenologically robust: The functional descriptions of Types (energy dynamics, aura geometry, coupling mode) and of defined/undefined centers (fixed vs. amplifying field character) correspond to widely observed differences in human physiological and psychological constitutions that have parallels in established personality neuroscience, sensory processing sensitivity research, and autonomic nervous system typology.

For the purposes of this paper, we adopt Human Design as a **phenomenological framework** — a classification system that captures real differences in individual oscillatory constitution — while remaining agnostic about the specific mechanism (neutrino imprinting) proposed by its originator. The functional descriptions are treated as empirically derived approximations of biofield topology, analogous to how Feng Shui prescriptions are treated in the preceding paper.

2.3 The Five Types as Oscillatory Classes

In resonance terms, the five Human Design types describe five characteristic modes of biofield coupling:

Generator ($\approx 70\%$ of population)

The Generator has a defined Sacral center — the biological correlate of reproductive and metabolic energy. Their aura is *open and enveloping*: it draws the environment into itself, sampling external stimuli and generating a gut-level (sacral) response [Jovian Archive: Generator]. In oscillator terms: **high-Q resonator with broad input bandwidth**. The Generator's field is sustaining — it generates energy continuously and can couple to a wide range of environmental frequencies. Its failure mode is *frustration*: energy without response, oscillation without coupling.

Spatial implication: Generators require spaces that present *genuine response opportunities* — environments with sufficient variety, texture, and activity to engage the sacral response. Dead, monotonous, over-controlled spaces cut them off from their primary coupling mechanism. They thrive in spaces with organic flow, multiple zones of engagement, and connection to living systems (plants, water, natural materials).

Manifesting Generator (sub-type of Generator)

The Manifesting Generator has both Sacral definition and a motor-to-Throat connection. Their aura is enveloping but with higher energetic intensity. In resonance terms: **wide-band high-amplitude oscillator**. They have the Generator's coupling breadth plus initiating power. Failure mode: *frustration through forced linearity* — they need non-linear space.

Spatial implication: Multi-zone, non-sequential layouts. Spaces that allow rapid transition between activities. Strong natural light for phase synchronisation.

Projector (≈20% of population)

The Projector has no defined Sacral center. Their aura is *focused and absorbing* — a narrow-beam field that penetrates and reads the systems of others deeply [Jovian Archive: The Four Types]. In resonance terms: **narrow-band high-sensitivity receiver**. Projectors do not generate energy autonomously; they work by recognising and directing the systems of others. Their primary vulnerability is *over-coupling* — absorbing too much environmental energy and becoming exhausted.

Spatial implication: Projectors require spaces with *strong energetic boundaries* — clear zones of retreat, minimal ambient noise, control over who/what enters their field. The bedroom is critical: it must be a true energetic sanctuary, isolated from the amplified energies of others. Sound absorption, low EM field exposure, and minimal through-traffic are not luxuries for a Projector — they are physiological necessities. Private study nooks and clearly bounded personal zones support their focused-beam mode.

Manifestor (≈9% of population)

The Manifestor has a motor-to-Throat connection without Sacral definition. Their aura is *closed and repelling* — a protective field that deflects external energies [Jovian Archive: The Four Types; Aurastrology, 2026]. In resonance terms: **high-impedance transmitter**. The Manifestor initiates; it does not wait for environmental input. Its failure mode is *anger* when its initiatives encounter resistance.

Spatial implication: Manifestors require spaces that *amplify their output without reflecting it back as interference*. Open, outward-facing layouts with strong acoustic and visual projective geometry. Spaces that support solitary initiation — a private room from which they can transmit without interference. Significantly, they need *clear exit paths* — spaces with multiple modes of departure support the Manifestor's need to act without obstruction.

Reflector (<1% of population)

The Reflector has *no defined centers at all*. Every center is open. Their aura samples, amplifies, and reflects the energy of their entire environment [Jovian Archive: The Four Types]. In resonance terms: **full-spectrum mirror** — a system with no fixed resonant frequency, maximally sensitive to all environmental oscillations, and maximally reflective of the state of the surrounding field.

Spatial implication: The Reflector's space is the most demanding of all types to design correctly. Because they amplify everything, a chaotic or incoherent environment is catastrophically disruptive. They require spaces of *maximal natural coherence*: cardinal orientation aligned with geomagnetic and solar axes, strong Schumann coupling (natural materials, proximity to Earth), minimal artificial EMF, flowing organic form, and connection to the lunar cycle (natural light calibration). A Reflector

in a poorly designed space becomes a mirror for dysfunction; a Reflector in a coherently designed space becomes a precision instrument for reading environmental health.

2.4 Defined and Undefined Centers as Field Topology

The nine centers of the BodyGraph map onto specific biological and neurological functions:

Center	Biological Correlate	Field Function
Head	Pineal gland / pressure	Mental pressure, inspiration input
Ajna	Neocortex	Conceptual processing, fixed/variable worldview
Throat	Thyroid / expression	Manifestation, communication output
G/Identity	Liver / magnetic field	Direction, love, identity, spatial orientation
Heart/Ego	Heart / willpower	Will, material energy, self-worth
Solar Plexus	Pancreas / nervous	Emotional wave, clarity over time
Sacral	Reproductive / metabolic	Life force, response, sustainability
Spleen	Lymph / immune	Survival, fear, in-the-moment awareness
Root	Adrenal glands	Pressure, drive, stress response

A *defined* center radiates its energy consistently outward — it broadcasts a fixed oscillatory pattern into the environment. An *undefined* center does not generate its own frequency; instead, it amplifies whatever frequency it encounters from the environment or other people [Jovian Archive: 9 Centers; HD WTF, 2025]. An *open* center (undefined with no activated gates) is maximally permeable — pure environmental transducer with no anchor frequencies.

This distinction is fundamental for space design:

Defined centers determine what the person radiates into their space. A person with a defined Root center (adrenal drive) perpetually injects stress-frequency oscillations into their environment. They need spaces that absorb and dampen this output — heavy materials, textured surfaces, grounding elements (stone, earth, dense wood). A person with a defined Throat center (expression) continuously injects linguistic-frequency oscillations — they need spaces with good acoustic resonance but clear absorption so their output does not create standing wave chaos.

Undefined centers determine what the person absorbs from their space. A person with an undefined Solar Plexus (emotional center) amplifies the emotional field of everyone who has passed through their space. Their bedroom must be *energetically cleared* — the lingering field signatures of previous occupants, visitors, or passed-through emotional weather will be amplified and experienced as their own internal state. This is the physics of what interior design traditions call "clearing the energy" of a space.

3. Personal Failure Pattern as Resonance Signature

3.1 Schank's Expectation Failure Theory

Roger Schank's foundational insight in cognitive science is that *learning is driven by expectation failure* [Schank, 1994; Edge.org; Taylor & Francis, 2013]. We build cognitive scripts — predictive models of how sequences of events unfold. When events deviate from the script, an expectation failure occurs: the mismatch between prediction and reality creates the energetic tension that drives learning, memory formation, and script revision.

Schank states it simply: "*Information is surprises. We all expect the world to work out in certain ways, but when it does, we're bored. What makes something worth knowing is organised around the concept of expectation failure*" [Edge.org].

This is identical, at the cognitive-informational level, to Friston's Free Energy Principle. Prediction error = free energy = the substrate of learning and adaptation. The difference is scale: Schank describes the narrative-biographical level; Friston describes the neurobiological-thermodynamic level. Both describe the same fundamental dynamic.

3.2 Personal Failure Pattern: The Psychobiographic Resonance Signature

Every individual accumulates, across their lifetime, a characteristic *pattern of expectation failures* — domains in which their predictions about the world are recurrently violated. These patterns are not random: they cluster around specific themes that reflect the interaction between the person's innate constitution (their Human Design type and center topology) and the environments they have inhabited.

A person with an undefined Sacral center (Projector, Manifestor, Reflector) who was raised in an environment that rewarded sustained high-energy output will accumulate failures around energy — chronically over-extending, burning out, then recovering, in a repeating cycle. This is not a character flaw: it is a *structural mismatch* between their field topology (open, absorbing, non-sustaining) and an environmental demand tuned to the Generator's sustaining field. Their personal failure pattern is the biographical record of this mismatch.

A Generator with an undefined Head center, raised in an intellectually pressured environment, will accumulate failures around thinking — generating mental activity in response to external intellectual pressure that was never organically their own, then finding that the resulting plans and concepts have no sustainable energy behind them. The undefined Head amplified external inspiration; the defined Sacral responded to it; but the mismatch between amplified inspiration (not theirs) and genuine gut-response (theirs) produced a characteristic failure pattern of ideas-without-follow-through.

The personal failure pattern, in resonance terms, is a map of the person's chronic interference zones — the frequency domains in which their innate field signature and their environmental input have been chronically out of phase, producing destructive interference at the cognitive, emotional, and physiological levels simultaneously.

3.3 Failure Pattern and Space: The Chronic Interference Hypothesis

We propose the **Chronic Interference Hypothesis**: *A person's recurrent expectation failures encode the frequency domains of their chronic organism-environment phase mismatch. These same domains constitute zones of heightened environmental coupling sensitivity, meaning that the person's living and working space either amplifies or mitigates their characteristic failure pattern through its field properties.*

Concretely:

- A person whose failure pattern is *energetic* (chronic over-extension / burn-out) will be exquisitely sensitive to the energetic field character of their bedroom. A bedroom that amplifies high-energy field signatures (via absorbed energies of high-activity occupants, electromagnetic field concentration, poorly managed sound resonance) will perpetuate the failure cycle. A bedroom designed for energetic recovery — low EM field, sound absorption, Earth connection, no social field residue — will interrupt the cycle.
- A person whose failure pattern is *emotional* (chronic absorption of others' emotional states experienced as own) will be most sensitive to the emotional field character of shared spaces — living rooms, offices, common areas. Undefined Solar Plexus individuals in these spaces amplify the cumulative emotional field history of all who have occupied them. Design interventions: natural light (field clearing), moving water (phase reset), regular "field clearing" practices (ventilation, reorganisation, material renewal).
- A person whose failure pattern is *directional* (chronic confusion about identity, purpose, life direction) often has an undefined G/Identity center. This center, correlated biologically with the liver and functionally with *magnetic sense of direction*, is the center of spatial orientation. When undefined, the person's sense of direction is entirely environmental — they are literally navigated by the magnetic and spatial character of the spaces they inhabit. For such a person, **compass orientation of their key living/working space may be the single most significant design variable**. A north-facing home office for an undefined G-center person literally operates against their spatial navigation system.

4. The Personal Resonance Profile (PRP)

4.1 Definition

We define the **Personal Resonance Profile (PRP)** as the complete specification of an individual's organism-space coupling characteristics, composed of three integrated layers:

Layer 1: Type Topology — The Human Design type (Generator/MG/Projector/Manifestor/Reflector) specifying the fundamental aura geometry, energy mode (sustaining/directing/initiating/reflecting), and primary coupling strategy.

Layer 2: Center Topology — The complete map of defined (broadcasting) and undefined/open (receiving/amplifying) centers, specifying which biological-field systems are fixed oscillators and which are environmental transducers.

Layer 3: Failure Signature — The recurrent expectation failure patterns in the person's psychobiography, mapped to the PoC (Paths of Change) quaternion quadrants and to the Human Design center topology, identifying the specific frequency domains of chronic organism-environment phase mismatch.

Together, the PRP constitutes the individual's **impedance specification** — the complete description of how their biofield couples to environmental fields, what it absorbs, what it broadcasts, where it is vulnerable to interference, and what spatial conditions support its coherent operation.

4.2 PRP-to-Space Translation: Core Principles

The PRP translates to space design through six operational principles:

Principle 1: Sanctuary Specification

The bedroom/primary rest space must be designed specifically for the Type's recovery mode. Generator: energetically engaging but organically quiet. Projector: maximally isolated, low EM, sound-absorptive. Manifestor: closed, private, exit-available. Reflector: maximally natural, Schumann-coupled, lunar-calibrated. Manifesting Generator: multi-zone, decompression-capable.

Principle 2: Center-Matched Material Strategy

Defined centers broadcast into the space — materials must absorb their output without reflection. Undefined centers absorb from the space — materials must be selected to support the quality of field they amplify. A person with defined Root (adrenal drive) and undefined Solar Plexus (emotional amplifier) needs: dense grounding materials to absorb adrenal output + emotionally neutral field character (minimal social residue, fresh air circulation, natural materials with low "memory") in their primary space.

Principle 3: Failure Domain Mitigation

Identify the person's primary failure domain (energy, emotion, direction, communication, will, cognitive pressure, survival/immune, identity) and ensure that the corresponding spatial zone is designed to *interrupt* rather than *amplify* the failure cycle. This typically means: the failure domain's spatial correlate (using Bagua mapping) receives the most careful design attention.

Principle 4: Flow Architecture Matching

The spatial flow path — how movement occurs through the space — must match the person's Strategy. Generator: space presents opportunities to respond (non-forced, organic flow paths). Projector: space creates natural pauses and recognition points (nooks, focal zones). Manifestor: space has clear unobstructed initiative paths (wide corridors, clear exits). Reflector: space flows with the natural cycles (orientation to sun and moon paths).

Principle 5: Field History Management

Undefined centers accumulate field residue from previous occupants and events. Spaces inhabited by multi-undefined individuals require regular field clearing practices supported by design: operable windows for cross-ventilation, natural materials that do not retain EM signatures, water features for phase resetting, connection to Earth for discharge.

Principle 6: Coherence Amplification Zones

Each person has defined centers that are their sources of reliable field coherence — their oscillatory "home frequencies." The primary workspace should be positioned in spatial resonance with these centers' biological correlates. A person with a defined Ajna (neocortex/conceptual processing) needs a workspace with strong visual clarity, high information density, and cognitive stimulus variety. A person with a defined Spleen (immune/survival awareness) needs a workspace with maximal sensory richness and real-time environmental feedback.

5. The PRP in the 19-Layer Quaternion Vacuum Model

5.1 Types as Quaternion Rotation Classes

In the 19LQVM, the organism occupies biological-social layers ($\approx 10-14$), where its field dynamics are described by quaternion operators coupling the organism's internal state to its environmental embedding. We propose that the five Human Design types correspond to five characteristic **quaternion rotation classes** of the biofield:

- **Generator:** Real quaternion component dominant — pure sustaining oscillation, enveloping scalar field
- **Manifesting Generator:** Mixed real-imaginary — high-amplitude coupled rotation, broad-band
- **Projector:** Pure imaginary component dominant — non-sustaining, absorbing, phase-sensitive narrow-band
- **Manifestor:** Conjugate quaternion — closed, repelling, high-impedance transmitter
- **Reflector:** Nilpotent quaternion — zero self-energy, pure mirroring, vacuum state

The nilpotent character of the Reflector type is particularly striking in the Rowlands framework: a nilpotent system $\psi \tilde{\psi} = 0$ has no self-energy — its state is entirely defined by its dual complement (the environment). This is precisely how Ra Uru Hu describes the Reflector: a being without fixed definition, whose state is entirely a reflection of its community and environment [Jovian Archive: Types].

5.2 Defined/Undefined Centers as Dual-Space Partition

In Rowlands' nilpotent quantum mechanics, the quantum system and its vacuum complement form a dual space pair: real space and k-space [Rowlands, 2007; Marcer & Rowlands, 2017]. Every defined aspect of the system corresponds to a real-space oscillator; every undefined aspect corresponds to an open coupling to k-space — the dual vacuum.

The Human Design partition of defined (fixed) and undefined (open) centers is formally isomorphic to this real-space/k-space partition of the nilpotent framework. Defined centers = real-space oscillators. Undefined centers = k-space couplings = open to the vacuum complement of the organism's field.

This means: **the undefined centers of the BodyGraph are the organism's interface to the vacuum field** — the domains in which the organism's identity dissolves into the surrounding field and is temporarily constituted by it. In everyday experience, this is precisely what undefined centers do: they make the person highly sensitive to, and temporarily constituted by, the fields of others and the environment. In the 19LQVM, this is not metaphorical — it is the literal dual-space physics of organism-vacuum coupling.

5.3 Personal Failure Pattern as Phase Mismatch in Quaternion Space

The personal failure pattern encodes the history of phase mismatches between the organism's characteristic quaternion field state and the field states it has encountered in its environments. In quaternion notation, coherent coupling requires phase alignment: $q_{\text{organism}} \cdot q_{\text{environment}} = \text{real positive scalar}$ (constructive interference). Phase mismatch produces an imaginary or negative scalar component — destructive interference at the organism-environment boundary.

The failure signature is therefore a *map of the person's chronic quaternion phase mismatches with their historical environments*. This map, projected forward, identifies the environmental quaternion states that will reproduce the mismatch (failure perpetuation) versus those that will resolve it (failure interruption and growth).

Space design, from this perspective, is the engineering of the environmental quaternion field state to be phase-coherent with the organism's healthy (defined) oscillatory signature and to provide constructive challenge to the organism's growth domains (undefined centers in the direction of wisdom rather than conditioning).

6. Worked Examples: PRP-Informed Space Design

6.1 The Projector in a Shared Household

Consider a Projector with undefined Sacral, undefined Root, and undefined Solar Plexus — three major energy and pressure centers open. They are maximally sensitive to: other people's vitality and drive (Sacral), time pressure and adrenal stress (Root), and emotional atmospheres (Solar Plexus).

Their personal failure pattern: chronic energy depletion from over-effort in Generator/MG-dominated work environments; chronic absorption of household emotional weather; recurrent burnout cycles.

PRP-informed design interventions:

- Bedroom: private, acoustically sealed, EMF-minimal, no through-traffic. No devices with fields. Dense curtains, sound-absorptive materials. Single occupancy or same-type partner.
- Personal zone: completely separated from family common areas. A retreat that is physically unreachable by the high-energy fields of Generator household members.
- Common spaces: regularly cross-ventilated to clear accumulated emotional field residue. Moving water feature (fountain) in the living zone for phase resetting.
- Command position in all key locations: always with back to wall, full visual command of entry points, no doors behind.

6.2 The Reflector in an Urban Apartment

Consider a Reflector — all nine centers open. Their personal failure pattern: chronic disorientation, inability to maintain consistent identity in urban environments saturated with competing field signatures, recurrent health disruptions correlated with periods of sustained residence in environments with high artificial EMF, dense population, and low natural field access.

PRP-informed design interventions:

- Cardinal orientation: the apartment's primary axis must be aligned with geomagnetic north-south for maximum Schumann coupling. This is non-negotiable for Reflector wellbeing.
- Materials: exclusively natural — stone, wood, clay, linen, cotton. No synthetic materials that retain field signatures.
- Lunar access: at least one window with clear lunar cycle visibility, ideally in the bedroom. The Reflector's 28-day decision cycle maps to the lunar electromagnetic cycle; physical synchronisation supports their biological rhythm.
- Field clearing infrastructure: operable windows on all four compass points if possible (cross-ventilation complete field reset). Natural water (not recycled/treated) access.
- Location within city: proximity to parks, water bodies, or elevated terrain — all of which provide natural field gradients that give the Reflector's undefined centers a healthy baseline field to reflect rather than the saturated noise of dense urban environments.

7. Integration: Personal Failures as Spatial Compass

7.1 The Diagnostic Value of Failure Pattern

The personal failure pattern, when accurately mapped, provides the most direct available diagnostic of person-space mismatch. Recurring failures in specific life domains — energy, relationships, direction, communication, resources, intuition, emotional stability, will, cognitive clarity — each correspond to a specific Human Design center and its spatial correlates.

This gives the PRP-informed space designer a practical diagnostic protocol:

1. **Map the failure pattern:** What domains recurrently fail despite genuine effort and intention? These are the domains of deepest undefined-center amplification.
2. **Identify the center:** Match failure domain to BodyGraph center (energy → Sacral/Root; emotion → Solar Plexus; direction → G center; communication → Throat; will → Heart/Ego; cognition → Ajna/Head; survival → Spleen).
3. **Locate the spatial correlate:** Use Bagua mapping to identify which zone of the living/working space corresponds to that center's life domain.
4. **Assess current field character:** What is the current energetic, acoustic, electromagnetic, and material character of that spatial zone? Is it coherence-supporting or failure-amplifying?
5. **Design the intervention:** Adjust the spatial zone to interrupt the failure-amplification cycle and support the center's healthy expression.

This five-step protocol transforms the Feng Shui consultation from a generic spatial audit into a personalised resonance therapy — a direct engineering intervention in the person's characteristic failure cycle, mediated through their inhabited space.

7.2 Space as Mirror of Inner Life

The deepest implication of the PRP framework is that the built space does not merely affect the organism passively. Through the mechanisms of bioelectromagnetic field coupling, acoustic eigenmode entrainment, Schumann resonance synchronisation, and FEP-based prediction error dynamics, the space and the organism continuously *co-constitute* each other.

The person's undefined centers are continuously shaped by the field history of their space. Their defined centers continuously imprint their field signature into the materials, air, and electromagnetic atmosphere of their space. Over time, the space becomes a *standing record of the organism's field history* — a physical archive of its coherences and its failures.

Feng Shui masters have known this for millennia, expressed in the principle that a space "carries the energy" of its inhabitants. Quantum biology, bioelectromagnetics, and the nilpotent dual-space framework together provide the physics to understand why.

The personal blueprint — Human Design — tells us who the organism is at the level of its oscillatory constitution. The personal failure pattern tells us where that constitution has been chronically mismatched with its environments. Together, they constitute a complete specification for designing the space that will, for the first time in that person's life, be genuinely coherent with who they are.

8. Conclusion

This paper has extended the resonance architecture framework (Konstapel, 2026) from the generic organism to the specific person. Human Design, reinterpreted as a formal typology of individual biofield oscillatory constitutions, provides the *type topology* layer of the Personal Resonance Profile. The Schank Expectation Failure framework, mapped to the Human Design center topology,

provides the *failure signature* layer. The 19-Layer Quaternion Vacuum Model provides the mathematical substrate linking both to the physics of organism-space coupling.

The resulting framework — personalised space design, or resonance architecture for the individual — constitutes a new discipline at the intersection of architectural science, bioelectromagnetics, cognitive neuroscience, and systems biology. Its practical application is the PRP-informed design consultation: a process that maps the individual's oscillatory constitution, identifies their characteristic failure domains, and engineers their living and working space to interrupt failure cycles and maximally support coherent organism-environment coupling.

This is not Feng Shui for everyone. It is Feng Shui for *you*.

References

Core Preceding Work

1. Konstapel, J. (2026). Feng Shui as Resonance Engineering: A Field-Theoretic Reinterpretation of an Ancient Coherence Practice. Constable Research Working Paper. [Full reference list of 55 sources *ibid.*]

Human Design System

2. Ra Uru Hu (1992–2011). Lectures and foundational materials. Jovian Archive, Inc. <https://www.jovianarchive.com>
3. Jovian Archive (2023). The Four Types. https://www.jovianarchive.com/Human_Design/Types
4. Jovian Archive (2023). The 9 Centers in Human Design. <https://jovianarchive.com/blogs/human-design-basics/the-9-centers-in-human-design>
5. Jovian Archive (2025). The I'Ching, the Genetic Code, and the Architecture of Human Design. <https://jovianarchive.com/blogs/human-design-basics/the-i-ching-the-genetic-code-and-the-architecture-of-human-design>
6. International Human Design School (IHDS). About the System. <https://humandesign.school/about-the-system>
7. International Human Design School. Who Is Ra Uru Hu. <https://ihumandesignschool.com/who-is-ra-uru-hu-in-human-design/>
8. Genetic Matrix (2026). The 5 Human Design Types. <https://www.geneticmatrix.com/learn-hub/types/index.html>
9. Human Design WTF (2025). The 9 Human Design Centers: A Practical Guide. <https://www.humandesign.wtf/blog/practical-guide-human-design-centers-2025-update>
10. Human Design WTF (2025). Defined vs Undefined Human Design Centers. <https://www.humandesign.wtf/blog/defined-vs-undefined-human-design-centers-guide>
11. Human Design HD (2026). Defined vs Undefined Centers. <https://humandesignhd.com/pages/defined-vs-undefined-centers-human-design>
12. Human Design HD (2026). Human Design Centers. <https://humandesignhd.com/pages/human-design-centers>
13. Auroastrology (2026). Human Design Types Explained. <https://auroastrology.com/human-design/types/>
14. Jovian Archive (2025). The 64 Gates in Human Design. <https://jovianarchive.com/blogs/chart-interpretations-components/the-64-gates-in-human-design-what-they-represent-in-your-chart>

15. Human Design Awakening (2026). The Codon Code in Human Design. <https://www.humandesigndesignlifecoaching.com/blog/2026/2/8/the-codon-code-in-human-design-ra-uru-hus-revelation-of-genetics-and-the-64-gates>
16. ahumandesign.com (2025). The Science Behind Human Design. <https://ahumandesign.com/the-science-behind-human-design-an-exploration-of-the-physics-and-genetics-underlying-the-system/>
17. Orion Ohev (2022). Human Design Quantum Physics. <https://orionohev.com/2022/02/25/human-design-quantum-physics-the-science-of-your-chart/>
18. Human Design System Austria. Encyclopedia Entry. <https://www.humandesignteam.info/en/encyclopedia/human-design-system/>
19. Move to Happiness (2025). Human Design Scan. <https://movetohappiness.com/en/blogs-podcasts/human-design-scan-ontdek-je-unieke-energetische-blauwdruk>
20. Jamie Palmer (2023). Human Design Centers Explained. <https://www.jamielpalmer.com/human-design-centers-explained-defined-undefined-open/>
21. Shaman's Torch. Human Design: Defined, Undefined, and Open Centers. <https://shamanstorch.com/human-design-defined-undefined-and-open-centers/>
22. Pure Generators (2024). Who Created Human Design? <https://www.puregenerators.com/blog/who-created-human-design-who-is-ra-uru-hu>
23. The Chalkboard Magazine (2019). A Complete Guide to Human Design. <https://thechalkboardmag.com/what-is-human-design-bodygraph/>
24. Holisticism (2019). Human Design Types. <https://www.holisticism.com/journal-library/2018/7/10/human-design-energy-types-decoded>
25. The Wild Pixel (2025). The Ultimate Guide to the Human Design System. <https://thewildpixel.com/blog/the-human-design-system-ultimate-guide>
26. Palm Tree Moments (2024). The Types of the Human Design System. <https://www.palmtreeoments.com/the-types-of-the-human-design-system-generator-or-classic-builder/>

Expectation Failure Theory and Learning

27. Schank, R.C. (1994). Learning by Doing. In: *Instructional-Design Theories and Models*. Taylor & Francis. <https://doi.org/10.4324/9781410603784-10>
28. Schank, R.C. (1999). Information is Surprises. Edge.org. https://www.edge.org/conversation/roger_schank-chapter-9-information-is-surprises
29. Schank, R.C. & Cleary, C. (1995). *Engines for Education*. Lawrence Erlbaum Associates.
30. Schank, R.C., Berman, T.R. & Macpherson, K.A. (1999). Learning by Doing. In: *Instructional-Design Theories and Models* (Vol. 2). Reigeluth, C.M. (ed.). Taylor & Francis.
31. Clark, D. (2012). Roger Schank: Only Two Things Wrong with Education. Donald Clark Plan B. <http://donaldclarkplanb.blogspot.com/2012/11/roger-schank-only-two-things-wrong-with.html>
32. ERIC (1999). The Death of the Classroom, Learning Cycles and Roger Schank. ED429434.
33. Konstapel, J. (2024). De Erfenis van Roger Schank. constable.blog. <https://constable.blog/2024/06/20/de-erfenis-van-roger-schank/>
34. Konstapel, J. (2025). VHS Kids: Professional Simulation and Expectation Failure Theory. constable.blog. <https://constable.blog/category/uncategorized/>

Paths of Change (McWhinney)

35. McWhinney, W. (1997). *Paths of Change: Strategic Choices for Organizations and Society*. Sage Publications.
36. McWhinney, W. & Markos, L. (2003). Transformative education across the threshold. *Journal of Transformative Education*, 1(1), 16–37.

Free Energy Principle (see also Paper 1)

37. Friston, K. (2010). The free-energy principle: A unified brain theory? *Nature Reviews Neuroscience*, 11(2), 127–138.
38. Friston, K. (2013). Life as we know it. *Journal of the Royal Society Interface*, 10(86), 20130475.

Nilpotent Quantum Mechanics and 19LQVM (see also Paper 1)

39. Rowlands, P. (2007). *Zero to Infinity: The Foundations of Physics*. World Scientific.
40. Marcer, P. & Rowlands, P. (2017). Nilpotent quantum mechanics: Analogs and applications. *Frontiers in Physics*, 5, 28.
41. Rowlands, P. (2010). Physical interpretations of nilpotent quantum mechanics. arXiv:1004.1523.

Bioelectromagnetics and Sensing (see also Paper 1)

42. Levin, M. (2021). Bioelectric signaling: Reprogrammable circuits underlying embryogenesis, regeneration, and cancer. *Cell*, 184(8), 1971–1989.
43. Persinger, M.A. & Saroka, K.S. (2016). Similar spectral power densities within the Schumann resonance and a large population of quantitative EEG profiles. *IJERPH*. PMC4718669.
44. Chevalier, G. et al. (2012). Earthing: Health implications of reconnecting the human body to the Earth's surface electrons. *Journal of Environmental and Public Health*, 2012, 291541.

Environmental Psychology and Sensory Processing

45. Aron, E.N. (1996). *The Highly Sensitive Person*. Broadway Books.
46. Aron, E.N. & Aron, A. (1997). Sensory-processing sensitivity and its relation to introversion and emotionality. *Journal of Personality and Social Psychology*, 73(2), 345–368.
47. Belsky, J. & Pluess, M. (2009). Beyond diathesis-stress: Differential susceptibility to environmental influences. *Psychological Bulletin*, 135(6), 885–908. [Provides scientific grounding for differential environmental sensitivity corresponding to Human Design undefined center topology]
48. Greven, C.U. et al. (2019). Sensory processing sensitivity in the context of environmental sensitivity. *Developmental Psychology*, 55(3), 747–769.

Correspondence: J. Konstapel, Constable Research, Leiden, Netherlands. constable.blog | Academia.edu

Version 1.0 – May 2026

This paper is Part 2 of a series. Part 1: "Feng Shui as Resonance Engineering" (2026). Part 3 (forthcoming): "Resonance Architecture in Practice: The PRP Design Protocol."