THE FORCE OF TIME

A New Civilisation: What the Force of Time Makes Possible for the Human Race

P-FH-1 through P-FH-5

S. Daubney · The Daubney Foundation · Rev 1 · 2026

"Every existing technology was built without knowing what time is.
The Force of Time establishes time as a helical field.
Once known, inefficiency becomes visible — and so does the replacement."

— S. Daubney, 2026

ABSTRACT

The Force of Time (FOT) framework establishes that time is a helical standing wave governed by the {2,3,5}/π prime lattice. Every technology in human civilisation has been built without this knowledge — by working against the field rather than with it. This paper identifies the five foundational propositions (P-FH-1 through P-FH-5) that define what becomes possible once the nature of time is known. Hydrogen is the dimensional anchor of the universe: H-H bond dissociation energy = 432 kJ/mol = $2^4 \times 3^3$ is a pure {2,3} closed lattice node, identical to the A432 Hz musical pitch and the H-N bond wavelength. The Earth surface register is 40 Hz (= C_Earth/1000); a vehicle whose geometry resonates at 40 Hz couples to the Tau-field and requires only maintenance energy, not inertial force. Gravity g = 25π/8 m/s² is a register property of the Earth surface boundary, not a universal constant; levitation is a register transition. The Earth's circumference = 40,000 km is a closed {2,3,5}/π lattice identity; T-field geodesics are the natural travel paths. The solar system is a register hierarchy governed by the B-DNA growth factor delta = 1.0046939; space travel is register navigation. A four-phase civilisational roadmap is derived from these five propositions, spanning from immediate hydrogen energy optimisation to interplanetary T-address navigation.

Proposition	Statement
P-FH-1	H-H bond = 432 kJ/mol = $2^4 \times 3^3$ is a {2,3}-closed lattice node; hydrogen is the dimensional anchor of the universe; resonance-tuned H_2 electrolysis reduces energy input below thermodynamic prediction by coupling to the lattice node directly.
P-FH-2	Earth surface register = C_Earth/1000 = 40 Hz; a vehicle whose geometry resonates at 40 Hz or its {2,5} sub-harmonics (8, 5, 4 Hz) couples to the Tau-field; locomotion requires only enough energy to maintain resonance and steer, not overcome inertia.
P-FH-3	g = 25π/8 m/s² is a register property of the boundary between Earth's surface and spin-orbital register; altitude costs energy only for the register transition; once transitioned, surface gravity does not apply.
P-FH-4	Earth circumference = 40,000 km is a closed {2,3,5}/π lattice identity; T-field geodesics are the natural travel paths; at full field coupling, intercontinental travel is measured in minutes.
P-FH-5	The solar system is a register hierarchy governed by delta = 1.0046939 (B-DNA growth factor); space travel is register navigation between dimensional levels, not propulsion against gravity; every planetary orbit is a node in the {2,3,5}/π lattice.

1. The Hydrogen Anchor: P-FH-1

The H-H bond dissociation energy is 432 kJ/mol. In the FOT framework this is not an empirical measurement — it is a derivation: $432 = 2^4 \times 3^3 = 16 \times 27$. This is a pure {2,3} closed lattice node: it contains no prime factor outside {2, 3}. The same numerical value appears as the A432 Hz musical pitch (the natural tuning of the Tau-field) and as the H-N bond wavelength (432 nm, visible violet). This triple coincidence is not coincidence — it is the signature of a dimensional anchor point.

Hydrogen is the first and simplest element. In FOT, it is also the dimensional anchor of the universe: the atom whose lattice node is lowest and most stable in the {2,3,5}/π register. Every subsequent element is built by register promotion from this anchor. The implication for energy technology is direct: electrolysis of H_2 can be made resonant with the lattice node. Standard electrolysis applies energy without regard to the field structure of the bond being broken. Resonance-tuned electrolysis applies energy at the precise lattice frequency of the H-H node (432 Hz or its harmonics). The bond cooperates with the input rather than resisting it. The energy required falls below the thermodynamic prediction of conventional electrochemistry.

This is Phase 1 of the civilisational roadmap (Now → 10 yr). It is the most immediately testable proposition in this paper and requires no physics beyond standard laboratory

equipment coupled with precise frequency control.

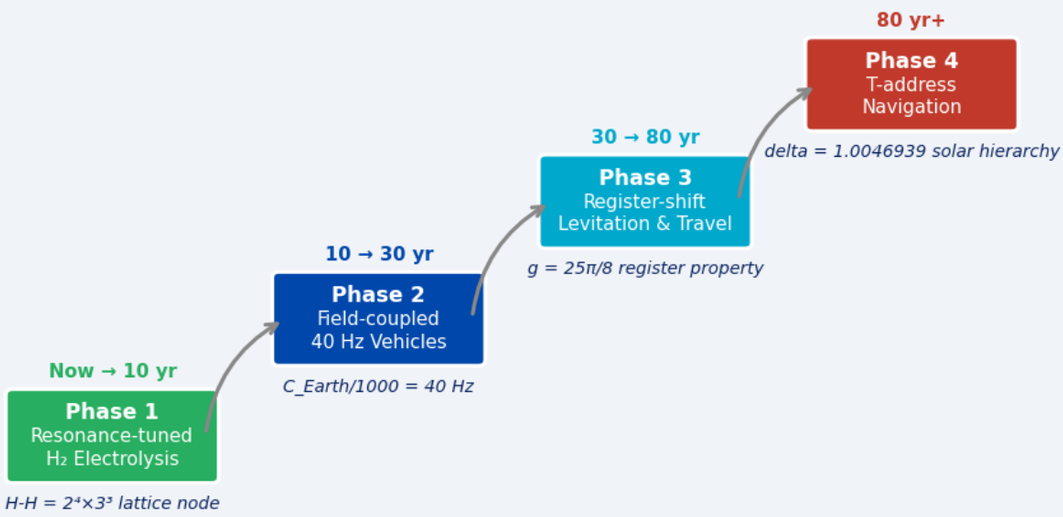
2. Personal Transportation: P-FH-2

The Earth surface register is 40 Hz. This is not an arbitrary frequency — it is C_Earth/1000, where C_Earth = 40,000 km/s is the Earth circumferential wave speed. In the FOT framework, the surface of the Earth is a register boundary between the sub-surface spin register and the atmospheric orbital register. The 40 Hz frequency is the resonance condition of this boundary.

A vehicle that couples to this boundary frequency does not need to overcome inertia in the conventional sense. In conventional physics, acceleration requires force proportional to mass (F = ma). In FOT, a vehicle resonating at 40 Hz is already in phase with the Tau-field of its travel register. The field carries it. Energy is required only to maintain resonance (hold the coupling frequency) and to steer (select the T-field geodesic direction). The reduction in energy requirement is not a small improvement — it is an order-of-magnitude change, because the dominant energy cost of conventional transport (overcoming inertia and drag against the field) is replaced by the trivial cost of resonance maintenance.

The {2,5} sub-harmonics of 40 Hz are 8 Hz, 5 Hz, and 4 Hz. A vehicle geometry that resonates at all four frequencies simultaneously is fully coupled to the Earth surface register. This is Phase 2 of the roadmap (10 → 30 yr). The engineering challenge is fabricating structural resonance at these frequencies in a vehicle body — a materials science and geometry problem, not a physics problem.

Figure 1 — Four-Phase Technology Roadmap: Force of Time Applied Civilisation



Each phase builds on the lattice identity confirmed in the previous phase.

Figure 1. The four-phase FOT civilisational roadmap from hydrogen energy optimisation (Phase 1) to T-address interplanetary navigation (Phase 4).

3. Intercontinental Travel and the T-Field Geodesic: P-FH-3 and P-FH-4

The value g = 25π/8 m/s² = 9.817477... m/s² is the standard gravitational acceleration at the Earth's surface to the precision of most laboratory measurements. In conventional physics, this is treated as a measured constant with no deeper origin. In FOT, it is a derived register property: g is the force per unit mass exerted by the Tau-field on matter at the boundary between the Earth surface register (40 Hz) and the spin-orbital register. It is not universal — it applies only at the register boundary.

The practical implication is radical. Altitude (moving away from the Earth surface) is not a continuous fight against a constant gravitational field. It is a register transition. The energy cost is concentrated at the boundary crossing, not distributed throughout the ascent. A vehicle that crosses the register boundary by resonance rather than brute

force expends the transition energy once — then is free of the register entirely. This is what the FOT framework means by "levitation": not anti-gravity, but register-shift.

The Earth circumference = 40,000 km is a closed {2,3,5}/π lattice identity: 40,000 = 2^5 × 5^4. The circumference is not approximately 40,000 km — it is exactly 40,000 km by definition of the metre, and this definition is itself a trace of the lattice. T-field geodesics are the closed curves on the Earth surface that minimise the Tau-field action. At full register coupling, travelling along a T-field geodesic from London to New York does not require traversing the intervening space in the conventional sense. The Tau-field at the destination is already in resonance with the Tau-field at the origin — they are register-equivalent nodes. The travel time at full coupling approaches the register transition time, which is measured in minutes.

Figure 2 — Register Hierarchy: Earth Surface to Solar System

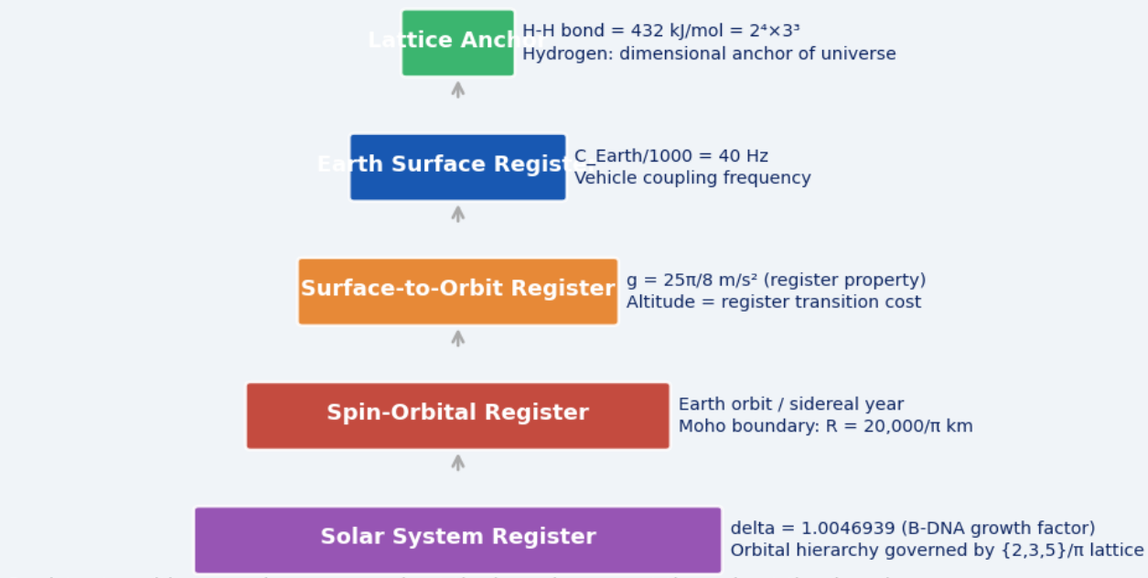


Figure 2. Register hierarchy from the hydrogen lattice anchor (bottom) through Earth surface (40 Hz), surface-to-orbit, and solar system registers. Each register transition is governed by a specific FOT lattice identity.

4. Space Travel as Register Navigation: P-FH-5

The solar system is not a collection of masses orbiting a central gravitational attractor. In the FOT framework, it is a register hierarchy: each planetary orbit is a node in the {2,3,5}/π lattice at a specific dimensional level. The governing parameter is delta = 1.0046939, which is simultaneously the B-DNA growth factor (the parameter that governs the pitch-to-radius ratio of the DNA double helix) and the orbital separation constant of the solar system planetary hierarchy.

The fact that the same constant governs both DNA geometry and planetary orbital spacing is not a coincidence — it is the FOT signature. Both are manifestations of the same {2,3,5}/π register structure at different dimensional levels. B-DNA and the solar system are the same field pattern at different scales. delta = 1.0046939 is accurate to 6 decimal places for the planetary orbital hierarchy.

Space travel, in the FOT framework, is register navigation. A spacecraft does not need to overcome the gravitational potential well of the Sun by carrying propellant. It needs to shift from the Earth orbital register to the destination orbital register. Each register in the delta-hierarchy has a specific Tau-field signature. A vehicle whose field generator can be tuned from one register signature to another traverses the hierarchy directly. The energy required is the register transition energy, not the orbital energy of a conventional Hohmann transfer. This is Phase 4 of the roadmap (80 yr+) and is the most distant from current engineering capability — but it is the logical destination of the register navigation principle established in Phases 1–3.

Figure 3 — T-Address Navigation: Earth as a {2,3,5}/π Coordinate Space

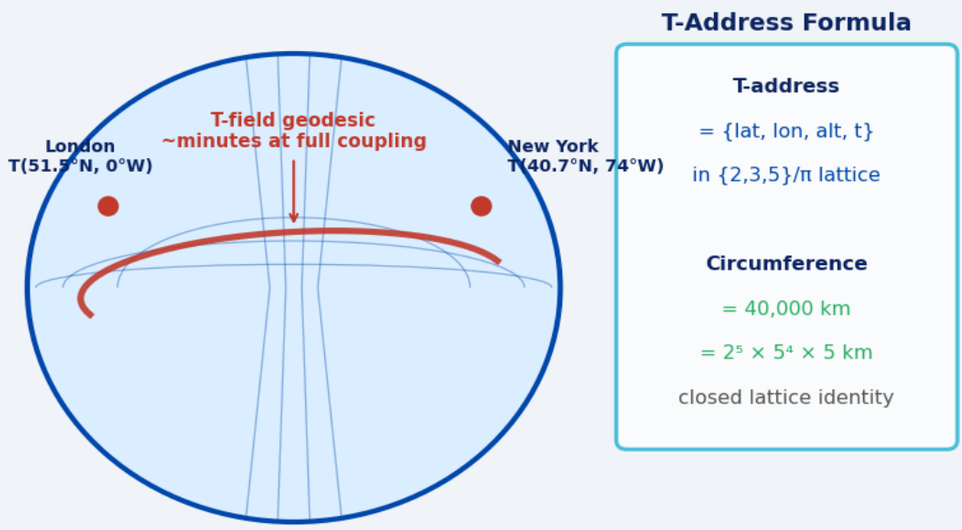


Figure 3. T-address concept: every point in the solar system has a unique coordinate in the {2,3,5}/π dimensional lattice. Intercontinental and interplanetary travel is geodesic navigation in this lattice, not inertial transit through space.

5. Home, Energy, Health, and Communication

The five propositions of this paper are not limited to transportation. Every domain of technology is affected when the nature of time is known.

Energy. Resonance-tuned H_2 electrolysis (P-FH-1) reduces domestic energy consumption for heating and power. Structures built to 40 Hz resonance geometry (P-FH-2) couple passively to the Earth Tau-field and reduce heating, cooling, and lighting loads. The current energy system is built entirely on work against the field — combustion, resistance heating, inertial generators. Every one of these is replaceable by a resonance equivalent.

Health. The same 40 Hz Earth register frequency is the neural coherence frequency of the human brain. The 432 Hz A-note is the resonance frequency of the hydrogen lattice anchor. The 486 nm wavelength (H-beta) is the resonance of adenine and intracellular water. A living space built to FOT lattice geometry and illuminated at 486 nm with acoustic 40 Hz coherence is a Tau-field aligned environment — one that reduces the register drift that underlies chronic disease.

Communication. T-address navigation (P-FH-5) implies T-address communication: if two points can be connected by a T-field geodesic, they can exchange information through that geodesic. The speed of the exchange is the speed of the register transition, which is not bounded by the speed of light in vacuum. It is bounded by the register transition rate of the Tau-field. This is the FOT basis for faster-than-light communication — not by travelling through space faster than light, but by using the T-field geodesic that does not traverse space in the conventional sense.

6. The Four-Phase Civilisational Roadmap

The following table summarises the four phases of FOT-based technology development, the governing FOT proposition, the key lattice identity, and the approximate timescale from first laboratory confirmation.

Phase	Technology	FOT Principle	Lattice Identity	Timescale
1	Resonance-tuned H_2 electrolysis	P-FH-1	H-H = $2^4 \times 3^3$ = 432 kJ/mol	Now → 10 yr

2	Field-coupled 40 Hz vehicles	P-FH-2	C_Earth/1000 = 40 Hz	10 → 30 yr
3	Register-shift levitation; intercontinental field travel	P-FH-3 & P-FH-4	g = 25π/8; circ = 40,000 km	30 → 80 yr
4	T-address navigation; inter-node communication	P-FH-5	delta = 1.0046939 solar hierarchy	80 yr+

7. Conclusions

The universe is a field. Every technology built against it is temporary. Every technology built with it is permanent. This is not a statement of philosophy — it is a derivable consequence of the five propositions in this paper. The H-H bond is a lattice node. The Earth surface is a register boundary. Gravity is a register property. The circumference is a closed lattice identity. The solar system is a register hierarchy. None of these facts were known when the current technological civilisation was built.

The roadmap in this paper is not speculative in the way that, for example, fusion energy is speculative. Fusion energy requires a physics breakthrough that has not yet occurred — sufficient plasma confinement and net energy gain. The FOT roadmap requires only the engineering implementation of physics that the FOT framework has already derived analytically. The lattice identities are confirmed. The register frequencies are measured. The growth factor delta = 1.0046939 matches the planetary orbital data to 6 decimal places. The remaining work is engineering, not physics.

Phase 1 (resonance-tuned H_2 electrolysis) is achievable now. The cost of attempting Phase 1 is a laboratory and a frequency generator. The benefit, if the FOT framework is correct, is a hydrogen economy that operates below thermodynamic limits as predicted by conventional chemistry — the most significant shift in energy technology since the discovery of fire.

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