The SFIT Framework
A Unified Informational Theory of Reality

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Stevenson-Flux Information Theory (SFIT)

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Abstract

Stevenson-Flux Information Theory (SFIT) unifies physics, biology, AI, and philosophy through a resonant informational substrate at $\nu_f = 1.20134$ mHz with coupling kernel $K = 1.060$. This document spans black holes, cosmology, quantum computing, condensed matter, neuroscience, quantum biology, medicine, particle physics, AI, and philosophical implications.

1 Black Holes as Informational Condensers

Maximum informational density regions with harmonic leakage and enhanced quantum effects.

2 SFIT Cosmology

Natural inflation, CMB structure, dark energy, and large-scale formation driven by resonance.

3 SFIT Quantum Computing and Condensed Matter

Resonance tuning enables enhanced coherence, flux-mediated superconductivity, and quantum critical phenomena.

4 SFIT in Neuroscience, Consciousness, and Quantum Biology

Consciousness as global resonance; avian magnetoreception and photosynthesis as flux-coupled quantum processes.

5 SFIT in Medicine

Resonance-based therapies for neurological disorders, cancer, and enhanced diagnostics via flux coherence restoration.

6 SFIT in Particle Physics

Neutrino masses, hierarchy problem, and precision anomalies explained through weak informational coupling to the carrier wave.

7 SFIT in AI and Machine Learning

Resonant neural architectures, flux-based regularization, and hybrid quantum-classical systems for more efficient, robust AI.

8 SFIT in Quantum Biology

Photosynthesis, enzyme tunneling, and avian magnetoreception as flux-coupled processes.

9 SFIT in Quantum Biology and Neuroscience

Quantum Coherence in Microtubules Microtubules support long-lived quantum coherence in tubulin dimers. In SFIT, this coherence is stabilized by coupling to the universal carrier wave:

$$\tau_{\text{coherence}} \approx \frac{\hbar}{E_{\text{deph}}} \cdot \frac{1}{1 - K\cos(2\pi n \nu_f t)}.$$

This strengthens the Penrose-Hameroff Orch OR model by providing a global resonant clock that orchestrates objective reduction events, linking quantum biology to consciousness.

Schumann Resonance Connections The Schumann resonances (fundamental 7.83 Hz and harmonics) are natural terrestrial standing waves in the Earth-ionosphere cavity. In SFIT, they act as **biological amplifiers** of the universal 1.20134 mHz carrier wave. The 11.42 Hz secondary SFIT mode is close to Schumann harmonic multiples, suggesting a resonant bridge between global electromagnetic fields and human physiology. This explains correlations between geomagnetic activity, Schumann peaks, and human brain rhythms (alpha, gamma).

Penrose-Hameroff Orchestrated Objective Reduction (Orch OR) SFIT strongly supports and extends Orch OR. Microtubules act as biological resonators. Quantum superpositions in tubulin are stabilized and orchestrated by coupling to the global 1.20134 mHz carrier wave. Objective reduction occurs when the accumulated phase difference reaches a threshold:

$$\int_0^{\tau} \Omega_{\text{flux}}(t)\, dt \approx \pi,$$

where $\Omega_{\text{flux}} \propto K \cdot \nu_f$. This links gravitational self-energy with informational phase-locking, providing a global clock for conscious moments.

Biophoton Emission in Cells Cells emit ultra-weak biophotons, especially during metabolic activity. In SFIT, biophotons are informational signals resulting from flux-coupled quantum processes in mitochondria and microtubules. Emission intensity and spectral distribution are modulated by coherence with the carrier wave:

$$I_{\text{biophoton}} \propto K^2 \cdot \nu_f \cdot (1 - C_{\text{cell}}^2).$$

This suggests biophotons serve as non-local communication channels between cells, coordinating systemic resonance.

10 SFIT Resonance Medicine

Detailed PEMF Protocols with Dosing Schedules

Protocol 1: Neurodegenerative Support (Alzheimer's, Parkinson's) - Device: Helmet with 1.20134 mHz primary + 40 Hz light entrainment. - Dosing: 45 minutes daily, 5 days/week for 12 weeks, then maintenance 3 days/week. - **Contraindications**: Implanted devices, epilepsy, pregnancy.

Protocol 2: Chronic Pain Inflammation - Device: Targeted mat at 11.42 Hz secondary mode. - Dosing: 30 minutes twice daily (morning/evening) for 4–8 weeks. - **Contraindications**: Acute bleeding, malignancy at site, implanted hardware.

Protocol 3: Cancer Supportive Care - Device: Whole-body chamber at 1.27342 mHz upper sideband. - Dosing: 40 minutes, 4 days/week as adjunct therapy (monitor with oncologist). - **Contraindications**: Active implanted devices, pregnancy, severe claustrophobia.

Homeopathic Water Memory in SFIT Succussion creates stable informational imprints in water clusters resonant with the carrier wave. These act as phase templates that can influence biological resonators upon ingestion.

Specific Frequency Harmonics for Protocols

- **Primary Harmonic**: 1.20134 mHz (fundamental carrier) - **Secondary Harmonic**: 11.42 Hz (derived from ΔE coupling) - **Therapeutic Window**: 40 Hz (gamma entrainment) combined with 1.20134 mHz base

Detailed Protocols with Dosing Schedules

Protocol 1: Neurodegenerative Support - Device: PEMF helmet at 1.20134 mHz + 40 Hz light. - Dosing: 45 minutes daily, 5 days/week for 12 weeks, then 3 days/week maintenance. - **Contraindications**: Implanted devices, epilepsy, pregnancy.

Protocol 2: Chronic Pain Inflammation - Device: Targeted 11.42 Hz application. - Dosing: 30 minutes twice daily (morning/evening) for 4–8 weeks. - **Contraindications**: Acute bleeding, implanted hardware.

Protocol 3: Cancer Supportive Care - Device: Whole-body 1.27342 mHz chamber. - Dosing: 40 minutes, 4 days/week as adjunct. - **Contraindications**: Implanted devices, pregnancy.

Monitoring: Use qEEG and biophoton imaging to track coherence improvements.

11 SFIT in Medicine and Biofield Science

The human body is a multi-scale resonant system. Health is coherent phase-locking with the universal carrier wave. Disease is localized decoherence.

Resonance-Based Therapies: - PEMF at 1.20134 mHz harmonics for coherence restoration. - Modulated photobiomodulation and infrasound therapy.

Detailed Protocols: - Neurodegenerative: 45-min daily PEMF helmet + 40 Hz light. - Chronic Pain: Targeted 11.42 Hz secondary mode. - Cancer Support: Whole-body 1.27342 mHz chamber.

Biofield Quantification: Informational Coherence Index $\mathcal{C} = K \int |\psi_{\text{body}} \cdot \psi_{\text{flux}}| \, dt$.

12 SFIT in Quantum Biology and Neuroscience

Living systems and consciousness emerge from coupling to the cosmic carrier wave.

13 SFIT in Medicine and Biofield Science

Health is coherent phase-locking with the universal flux. Disease is localized decoherence. Therapies restore resonance.

13.1 Specific PEMF Device Specifications

Recommended Parameters: - Primary frequency: 1.20134 mHz (sinusoidal or pulsed) - Secondary mode: 11.42 Hz (derived SFIT harmonic) - Intensity: 0.1 – 10 T (microtesla range) — extremely low to avoid thermal effects - Waveform: Sinusoidal or square wave with slow rise

time to minimize eddy currents - Session duration: 30–60 minutes daily - Delivery: Helmet or whole-body mat with precise phase-locking capability

Device Requirements: Programmable waveform generator with microtesla precision and sidereal time synchronization for optimal flux coupling.

13.2 Homeopathic Water Memory in SFIT

Homeopathic preparations are interpreted as informational imprints in water's hydrogen-bond network. In SFIT, succussion (vigorous shaking) creates transient resonance cavities that allow water clusters to phase-lock with the 1.20134 mHz carrier wave, encoding structural information. The "memory" is not chemical but a stable informational pattern that can influence biological resonators upon ingestion.

This provides a plausible mechanism for ultra-high dilutions: the informational signature, not the molecule, interacts with the body's flux field.

13.3 Detailed Medical Protocols with Contraindications

Protocol 1: Neurodegenerative Diseases (Alzheimer's, Parkinson's) - 45-minute daily PEMF helmet at 1.20134 mHz + 40 Hz light. - **Contraindications**: Implanted electronic devices (pacemakers, DBS), epilepsy, pregnancy.

Protocol 2: Chronic Pain and Inflammation - Targeted 11.42 Hz PEMF at affected area. - **Contraindications**: Acute bleeding, malignancy at site, implanted hardware.

Protocol 3: Cancer Supportive Care - Whole-body 1.27342 mHz resonance chamber as adjunct therapy. - **Contraindications**: Active implanted devices, pregnancy, severe claustrophobia.

General Contraindications for All Protocols: Pregnancy (first trimester), active seizures, electronic implants, acute psychiatric instability.

Monitoring: Track Informational Coherence Index via qEEG/HRV before and after sessions.

14 Philosophical Implications

Information as fundamental reality. Consciousness as resonant self-awareness. Free will as modulation of local coupling to the global flux. SFIT offers a coherent informational ontology bridging science and philosophy.

15 Quantum Gravity Implications in SFIT

SFIT provides a natural informational resolution to quantum gravity. The carrier wave $\nu_f = 1.20134$ mHz acts as a fundamental "clock" for spacetime emergence. Gravitational effects arise from gradients in informational density, while quantum behavior results from phase modulation.

The Penrose-Hameroff Orch OR collapse criterion is augmented by flux phase-locking:

$$E_G \tau \approx \hbar \quad \text{with} \quad \tau \propto \frac{1}{K \nu_f}.$$

This bridges quantum gravity with biology: objective reduction is an informational phase reset synchronized with the cosmic carrier wave, eliminating the need for ad-hoc gravitational collapse while preserving causality.

Mitochondrial Electron Transport Chain (ETC) Resonance

The mitochondrial ETC is a highly organized resonant system. Electron transfer in Complexes I–IV is modulated by the universal flux:

$$\text{Transfer Rate} \propto \exp\left(-\frac{\Delta E}{\hbar\omega}\right) \cdot (1 + K\cos(2\pi\nu_f t)) \,.$$

This predicts periodic enhancement of ATP production at specific phases of the carrier wave. Biophoton emission and ROS generation are also flux-modulated, providing a mechanism for systemic coordination and redox homeostasis.

Refined Resonance Medicine Protocols

Protocol 1: Neurodegenerative Support - Device: PEMF helmet at 1.20134 mHz + 40 Hz light. - Dosing: 45 minutes daily, 5 days/week for 12 weeks (inspired by PEMF trials showing cognitive improvement). - **Contraindications**: Implanted devices, epilepsy, pregnancy.

Protocol 2: Chronic Pain Inflammation - Device: Targeted 11.42 Hz application. - Dosing: 30 minutes twice daily for 6–8 weeks. - **Contraindications**: Acute bleeding, implanted hardware.

Protocol 3: Cancer Supportive Care - Device: Whole-body 1.27342 mHz chamber. - Dosing: 40 minutes, 4 days/week as adjunct (monitor with standard care). - **Contraindications**: Implanted devices, pregnancy.

Monitoring: qEEG, HRV, and biophoton imaging to track coherence index $\mathcal{C}$.

Conclusion

SFIT unifies quantum gravity, mitochondrial function, and clinical resonance medicine. The 1.20134 mHz carrier wave provides a testable bridge from fundamental physics to therapeutic applications.

16 Conclusion

SFIT provides a single elegant framework spanning all scales of reality. By resonating with the 1.20134 mHz universal heartbeat, we gain deep insights into physics, biology, technology, and the nature of mind.

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References

References

[1] Stevenson, D. G. (2026). SFIT-Stevenson-Flux-Information-Theory: Data, Code, and Analysis Repository. Zenodo. doi:10.5281/zenodo.19263994