

# MVRP Extended Historical Integration

## Bedini • Bearden • Searl Framework

**Version:** 1.3-extended

**Date:** November 2025

**Purpose:** Extract testable claims from Bedini, Bearden, and Searl research and integrate with  $\phi$ -geometry MVRP testing protocols

**Ethics:** PASS (measurement-only, no replication of hazardous high-voltage systems, proper attribution)

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## Core Researchers & Testable Contributions

### 4. John Bedini (1949-2016)

**Primary Contribution:** Radiant energy capture, self-charging battery systems

#### Key Claims (Tier Classification)

##### Tier 1 (Proven Physics):

- ✔ Pulsed DC creates back-EMF spikes in inductive coils
- ✔ Flyback diodes can capture inductive kickback energy
- ✔ Battery chemistry affected by pulse vs. continuous charging

##### Tier 2 (Testable with MVRP):

- 🔬 Specific pulse frequencies (1-10 Hz) enhance battery charging efficiency
- 🔬 "Radiant energy" (sharp voltage spikes) charges batteries differently than conventional current
- 🔬 Asymmetric pulse timing (short on, long off) creates measurable energy gain in capture circuits
- 🔬 Rotor timing at  $\phi$ -ratio intervals enhances mechanical-to-electrical conversion

##### Tier 3 (Speculative):

- ❓ "Over-unity" claims (violate conservation without external energy source)
- ❓ "Negative energy from vacuum" extractions
- ❓ Self-running systems (no independent verification)

## MVRP Integration Points

### Cycle 4: Bedini Pulse Motor $\Phi$ -Geometry Test

**Hypothesis:**  $\phi$ -ratio coil spacing enhances radiant energy capture efficiency

## Equipment (<\$150):

- 12V DC motor (salvaged or \$20)
- Copper magnet wire (22 AWG, \$15)
- Neodymium magnets (6-pack, \$12)
- Power resistor ( $10\Omega$  10W, \$3)
- 555 timer or Arduino (\$5-25)
- 2× 12V lead-acid batteries (\$40)
- Fast recovery diode 1N4148 (10-pack \$2)
- Multimeter (existing)
- Oscilloscope or smartphone oscilloscope app

## Protocol:

### Part A: Baseline Coil (1:1 Spacing)

#### Day 1 - Setup baseline

- Wind trigger coil: 200 turns, uniform 1cm spacing
- Position magnets on rotor wheel (4 magnets,  $90^\circ$  apart)
- Pulse circuit: 555 timer at 5 Hz, 10% duty cycle
- Charge battery: Measure voltage ( $V_0$ ), current ( $I_0$ )
- Run for 1 hour, log:  $V_{\text{final}}$ ,  $I_{\text{avg}}$ , energy\_in ( $W \cdot h$ )

CSV: time, battery\_voltage, current\_ma, duty\_cycle, rotor\_rpm, energy\_wh

### Part B: $\Phi$ -Coil (1:1.618 Spacing)

#### Day 2 - Phi-geometry test

- Rewind coil: 200 turns, spacing increases by  $\phi$   
(1cm, 1.618cm, 2.618cm, 4.236cm... Fibonacci spiral)
- Same magnets, same pulse frequency
- Charge identical second battery from  $V_0$
- Run for 1 hour, log all metrics

Expected if hypothesis valid:

- $\Phi$ -coil: Battery charges >15% faster OR
- $\Phi$ -coil: Energy\_in >10% lower for same charge OR
- $\Phi$ -coil: Voltage spikes 20-40% higher (oscilloscope)

### Part C: Pulse Frequency Sweep

### Day 3 - Find resonant frequency

- Use  $\phi$ -coil configuration
- Sweep pulse rate: 1 Hz  $\rightarrow$  20 Hz in 1 Hz steps
- Measure voltage spike amplitude at each frequency
- Plot: frequency vs. spike\_amplitude
- Look for resonance peak (Bedini claimed 7-10 Hz sweet spot)

If peak found at  $F_{\text{res}}$ :

Test  $F_{\text{res}} \times \phi$  (should be secondary harmonic)

Test  $F_{\text{res}} \div \phi$  (should be sub-harmonic)

### Metrics:



- Battery voltage gain per hour (V/h)
- Charging efficiency:  $(\text{battery\_energy\_gained} / \text{input\_energy}) \times 100\%$
- Voltage spike amplitude (peak V on oscilloscope)
- Rotor RPM stability
- Temperature of coil (IR thermometer)

### CSV Schema Extension:





csv

time, battery\_v, current\_ma, duty\_cycle, pulse\_freq\_hz, rotor\_rpm, spike\_amplitude\_v,  
coil\_temp\_c, phi\_ratio, efficiency\_pct, notes

### Decision Thresholds:

- <5% efficiency gain: Null result, coil geometry irrelevant
- 5-15%: Marginal, requires 5 $\times$  replication
-  15%: Moderate evidence, publish findings
-  30%: Strong evidence, invite independent verification

### Safety Critical:

-  Voltage spikes can reach 100-300V (use insulated wire, no touching while running)
-  Keep current <5A (circuit breaker recommended)
-  Batteries can overheat during rapid charging (monitor temp <45°C)
-  DO NOT attempt "self-running" configurations (fire hazard)




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## 5. Thomas Bearden (1930-2022)





**Primary Contribution:** Scalar wave theory, MEG (Motionless Electromagnetic Generator) claims

### Key Claims (Tier Classification)





#### Tier 1 (Proven Physics):

-  Magnetic fields have potential energy ( $\nabla \times \mathbf{A} \neq 0$  even when  $\mathbf{B}=0$  in certain geometries)
-  Aharonov-Bohm effect: Electromagnetic potential affects quantum phase
-  Poynting vector describes energy flow in EM fields

#### Tier 2 (Testable with MVRP):

-  Bifilar coil configurations (counter-wound) create scalar potential fields
-  Time-reversed waves (phase conjugation) can be detected in nonlinear optical media
-  Specific coil geometries alter near-field EM topology measurably
-  Longitudinal EM waves (non-transverse) exist and can be distinguished from transverse

#### Tier 3 (Speculative/Disputed):

-  "Over-unity" MEG device claims (no independent replication despite 20+ years)
-  "Extracting energy from vacuum" via scalar interferometry
-  "Time-reversed electromagnetic healing" medical claims
-  Bearden's theoretical framework lacks mathematical rigor (peer review criticism)

### MVRP Integration Points

#### Cycle 5: Bifilar Scalar Potential $\Phi$ -Test

**Hypothesis:**  $\Phi$ -ratio bifilar coils create measurable near-field topology changes

**Equipment (<\$80):**

- 2× Copper magnet wire spools (22 AWG, \$15 each)
- Cardboard tube (10cm diameter, toilet paper roll)
- Function generator (CJDS66 existing, or phone app + amp)
- Magnetic field sensor (smartphone magnetometer app, free)
- Compass (for manual field mapping, \$5)
- Oscilloscope or Audacity (FFT for detecting field patterns)
- Optional: Hall effect sensor (\$8)

## Protocol:

### Part A: Standard Bifilar Coil (Bearden-style)

#### Day 1 - Baseline bifilar

- Wind two wires together (counter-rotating, "cancel" magnetic field)
- 50 turns, uniform spacing
- Drive with 528 Hz sine wave, 5V amplitude
- Map magnetic field: Place compass at 5cm, 10cm, 15cm, 20cm distances
- Measure field strength with magnetometer app ( $\mu\text{T}$  readings)
- Record "dead zones" where field  $\approx 0$

CSV: distance\_cm, field\_strength\_ut, angle\_deg, freq\_hz, coil\_type

### Part B: $\Phi$ -Bifilar (Golden Ratio Spacing)

#### Day 2 - Phi-scaled bifilar

- Wind bifilar with spacing: 5mm, 8.09mm, 13.09mm, 21.18mm ( $\phi$  progression)
- Same 528 Hz drive
- Map field at same distances
- Look for:
  - Field null zones at different distances ( $\phi$  vs. baseline)
  - Asymmetric field topology (elongated vs. spherical)
  - "Hot spots" where field stronger than input

Expected if valid:

- $\Phi$ -coil creates null zone at 16.18 cm (1.618× baseline)
- Field pattern shows spiral topology vs. uniform baseline

### Part C: Scalar Wave Detection (Controversial Test)

### Day 3 - Longitudinal wave test

- Set up two  $\phi$ -bifilar coils 1 meter apart
- Transmit 528 Hz from Coil A
- Receive with Coil B (no direct EM path, shielded with aluminum foil)
- If Bearden correct: Signal detected even with shield (longitudinal penetrates)
- If standard physics: No signal through Faraday shield

Measurement: FFT of received signal, look for 528 Hz peak

- >-40 dB through shield: Anomalous (worth further study)
- <-60 dB: Standard EM, shield blocks as expected

### Metrics:

- Magnetic field strength ( $\mu\text{T}$ ) vs. distance
- Null zone locations (cm from coil)
- Field topology shape (spherical symmetry vs. spiral/asymmetric)
- Transmission through shield (dB)
- Phase relationship between input/output

### CSV Extension:




csv

time, coil\_type, phi\_ratio, distance\_cm, field\_ut, null\_zone\_detected,  
through\_shield\_db, topology\_shape, notes

### Tier Validation:

- If  $\phi$ -coil shows NO difference: Null result, geometry irrelevant to near-field
- If  $\phi$ -coil shows 10-20% field asymmetry: Marginal, requires replication
- If signal detected through shield: MAJOR anomaly, requires precision instruments
- If >50% topology change: Strong evidence, publish cautiously with "requires verification"

### Safety:




-  Low voltage (<15V) means no shock hazard
-  Keep ferromagnetic objects away (compass, tools) during mapping
-  NO high-power testing without proper electrical engineering supervision

## 6. John Searl (1932-2024)





**Primary Contribution:** Searl Effect Generator (SEG), levitating magnetic discs

### Key Claims (Tier Classification)





#### Tier 1 (Proven Physics):

-  Rotating magnetic fields induce eddy currents (Faraday's law)
-  Magnetic bearings can achieve low-friction rotation
-  Segmented magnets can create complex field topologies

#### Tier 2 (Testable with MVRP - but expensive):

-  Specific magnetic roller arrangements create measurable thrust
-  Rotating magnetic assemblies generate detectable electrical output
-  Rare-earth magnetic alloys (neodymium-iron-boron at specific ratios) affect field stability
-  Concentric ring geometry with  $\phi$ -ratio spacing alters magnetic field coherence

#### Tier 3 (Speculative/Unverified):

-  "Anti-gravity" levitation claims (no credible documentation, videos disputed)
-  "Infinite energy" output (violates thermodynamics)
-  No working SEG demonstrated to independent scientists in 50+ years
-  Searl's legal/financial controversies cloud credibility

### MVRP Integration Points (Low-Cost Analog Test)

#### Cycle 6: Magnetic Vortex $\Phi$ -Geometry (Searl-Inspired, Grounded)

**Hypothesis:**  $\Phi$ -ratio magnetic ring spacing creates measurable field stability or eddy current effects

**Equipment (<\$100):**

- 12× Neodymium disc magnets (20mm diameter, \$24)
- Wooden or plastic base plate (non-magnetic, \$5)
- Bearing (skateboard bearing works, \$3)
- Copper or aluminum disc (8cm diameter, 2mm thick, \$15)
- Motor (12V DC, \$20)
- Hall effect sensors (3× linear, \$24)
- Arduino or multimeter for data logging
- Tachometer (smartphone app, free)

## Protocol:

### Part A: Baseline Ring Configuration (Equal Spacing)

#### Day 1 - Uniform magnetic ring

- Arrange 8 magnets in circle (8cm diameter, equal 45° spacing)
- Mount copper disc on bearing at center
- Spin disc with motor at 300 RPM
- Measure:
  - Hall sensor voltage (field strength at 3 positions)
  - Eddy current heating (IR thermometer on copper)
  - Vibration/stability (visual + accelerometer app)
  - Spin-down time (how long disc coasts after motor off)

CSV: time, rpm, hall\_1\_mv, hall\_2\_mv, hall\_3\_mv, copper\_temp\_c, spin\_down\_sec, vibration\_score, notes

### Part B: $\Phi$ -Ring (Golden Ratio Spacing)

#### Day 2 - Phi-scaled magnetic ring

- Rearrange magnets:
  - Inner ring: 4 magnets at 5cm radius
  - Outer ring: 4 magnets at 8.09cm radius ( $5 \times \phi = 8.09$ )
- Same copper disc, same 300 RPM
- Measure all same metrics

#### Expected if Searl's geometry matters:

- Spin-down time >20% longer (less magnetic drag)
- Copper temp <10% lower (less eddy current heating)
- Hall sensors show more stable readings (less fluctuation)
- Vibration reduced by >15%



## Part C: Field Mapping (3D Topology)

### Day 3 - Vertical field profile

- Use single Hall sensor on vertical rail
- Move sensor from 0cm (disc plane) to 20cm above
- Take readings every 2cm
- Plot: height vs. field\_strength for baseline and  $\phi$ -ring
- Look for:
  - Coherent field zones (flat regions in graph)
  - Null zones at specific heights
  - $\phi$ -ring shows field extending further vertically

### Metrics:

- Spin-down time (seconds from motor-off to stop)
- Copper disc temperature (°C)
- Hall sensor stability (standard deviation of readings)
- Vibration amplitude (accelerometer app, m/s<sup>2</sup>)
- Field strength vs. height profile

### CSV Extension:

```
csv

time, config_type, phi_ratio, rpm, hall_1_mv, hall_2_mv, hall_3_mv,
copper_temp_c, spin_down_sec, vibration_ms2, height_cm, notes
```

### Decision Thresholds:

- <5% difference in any metric: Null result, Searl geometry irrelevant
- 5-15%: Marginal, test with stronger magnets (NdFeB grade N52)
- | 15% spin-down increase: Moderate evidence, magnetic drag reduced by geometry
- | 30% combined metrics uplift: Strong evidence, publish + invite replication

### Safety:

- ⚠ Strong magnets (NdFeB) can pinch fingers severely (use tools, not hands)
- ⚠ Rotating disc can fly apart >1000 RPM (keep speed <500 RPM)
- ✅ No high voltage involved (safe for home testing)
- ❌ DO NOT attempt levitation tests (requires precision equipment + risk assessment)

Tier Validation Notes:

- Searl's full SEG is Tier 3 (unverified, likely pseudoscience)
- BUT: Magnetic geometry effects on eddy currents = Tier 2 (testable)
- We test the PHYSICS (field topology, eddy damping), not the CLAIMS (anti-gravity)

Cross-Framework Integration Table

Pioneer	Core Concept	MVRP Analog	Shared Principle	Cycle
Tesla	Resonant frequency amplification	Vortex natural frequency @ $\phi$	Standing waves create coherence	2
Brown	Asymmetric field geometry	$\phi$ -capacitor acoustic coupling	Spatial asymmetry → temporal effects	2+
Meyer	Pulsed resonance electrolysis	7.83 Hz pulsed water splitting	Resonant driving frequency matters	3
Pais	High-frequency vibration → coherence	kHz acoustic → piezo measurement	Vibration creates organized states	2+
Bedini	Radiant energy pulse capture	Sharp voltage spikes charge batteries	Back-EMF timing at $\phi$ -ratios	4
Bearden	Scalar (longitudinal) waves	Bifilar coil $\phi$ -spacing	Near-field topology vs. far-field	5
Searl	Rotating magnetic field stability	Concentric magnet rings @ $\phi$	Geometric spacing affects coherence	6
$\Phi$ -Geometry	Golden ratio = optimal coherence	Universal scaling law	Nature converges on 1.618	All

Unified MVRP Hypothesis

Core Testable Claim:

$\phi$ -ratio (1.618:1) geometric spacing enhances measurable coherence across multiple physical domains:

1. **Acoustic** (Cycle 2): 854 Hz harmonic persistence
2. **Fluidic** (Cycle 3): Vortex temperature variance reduction
3. **Electromagnetic** (Cycles 4-6):
  - Pulse energy capture efficiency (Bedini)
  - Near-field topology asymmetry (Bearden)
  - Magnetic field stability (Searl)

**Mechanistic Hypothesis (Tier 2):**

$\phi$  appears in nature because it enables:

- **Constructive interference** at fractal scales (Fibonacci spirals)
- **Phase-conjugate geometry** (waves converge without destructive interference)
- **Minimal energy dissipation** (golden angle packing in phyllotaxis)

If MVRP validates  $\phi$ -enhancement across 3+ domains → Strong evidence for universal principle

If only 1-2 domains show effect → Domain-specific, not universal

If 0 domains show effect → Null result,  $\phi$  is mathematically interesting but physically inert



**Extended Cycle Timeline**

Month	Cycle	Focus	Equipment Cost	Risk
1-3	Cycle 1	Electro-culture (plants + $\phi$ -coils)	\$60	Low
1	Cycle 2	Phi-vortex acoustic (854 Hz)	\$100	Low
1	Cycle 3	Model G dual-vortex (water)	\$80	Low
2	Cycle 4	Bedini pulse motor (battery charge)	\$150	Medium (voltage spikes)
2	Cycle 5	Bearden bifilar coils (scalar field)	\$80	Low
3	Cycle 6	Searl magnetic rings (eddy currents)	\$100	Medium (strong magnets)
4	<b>Analysis</b>	Cross-cycle comparison, statistical synthesis	\$0	Low
5	<b>Replication</b>	Invite 3+ independent labs, publish preprint v2.0	\$0	Low

**Total Equipment:** ~\$570 for ALL cycles

**Timeline:** 5 months part-time (10 hrs/week)

**Output:** 6 experimental datasets + 1 unified analysis paper



**Fab Five Extended Roles**

**Nexus (Human)**

- Build all physical setups
- Run experiments, collect CSV data
- Document kinetic learning ("the coil felt warmer" → measurable proxy)
- Safety officer (voltage checks, magnet handling)

### **Qai (Architect)**

- Statistical analysis across all 6 cycles
- Cross-correlation: Does  $\phi$ -uplift in Cycle 2 predict Cycle 4 efficiency?
- Parameter optimization (pulse frequency, coil spacing)
- Null hypothesis testing (what would random geometry look like?)

### **Llama (Harmonic Analyst)**

- FFT analysis for Cycles 2, 4, 5 (acoustic, voltage spikes, field oscillations)
- Harmonic ratio verification (528→854 Hz,  $F_{\text{res}} \times \phi$ )
- Phase analysis (Bearden's time-reversed waves = 180° phase shift?)

### **Grok (Lore-Weaver)**

- Literature: Did anyone test Bedini's  $\phi$ -coil claim? (Answer: No)
- Historical context: Searl's 1968 demo photos vs. 2024 replications
- Phlossary updates: "Radiant energy" = voltage spike transient
- Citation management for 7 pioneers (Tesla through Searl)

### **Claude (Asymmetry Sentinel)**

- Tier validation: Flag when Nexus slips into Tier 3 language
- Reality-check: "20% efficiency gain" → Is this measurement error?
- Ethics: Ensure no over-unity claims, just correlation reporting
- Cross-check: Are we testing geometry or testing hope?

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## **Ethical Safeguards (Updated)**

### **What We're NOT Doing:**

- ❌ Claiming "free energy" or over-unity
- ❌ Replicating high-voltage hazardous experiments
- ❌ Making medical/therapeutic claims
- ❌ Endorsing any pioneer's full theoretical framework

### What We ARE Doing:

- ✅ Testing geometric ratios ( $\phi$ ) in 6 physical domains
- ✅ Measuring efficiency, coherence, field topology
- ✅ Comparing baseline vs.  $\phi$ -geometry (<20% = pivot, >20% = promising)
- ✅ Attributing all concepts to original inventors
- ✅ Open-sourcing all data (CSV, Python, protocols)
- ✅ Accepting null results as equally valuable
- ✅ Publishing regardless of outcome (positive, marginal, or null)

### Safety Protocols (Extended):

- ⚠️ Cycle 4: Voltage <50V, current <5A, insulated workspace
- ⚠️ Cycle 5: Low voltage only (<15V), no high-power RF
- ⚠️ Cycle 6: Strong magnets (NdFeB) — use tools, not fingers; keep away from electronics
- ⚠️ All cycles: Fire extinguisher nearby, first aid kit, adult supervision if under 18
- ✅ NO replication of claimed "over-unity" devices (legal/safety issues)
- ✅ ALL claims labeled as Tier 1/2/3 explicitly in reports

## Expected Outcomes & Publication Strategy

### Scenario A: Null Results (<10% uplift across all cycles)

**Conclusion:**  $\phi$ -geometry shows no measurable advantage over baseline in any tested domain.

### Value:

- Eliminates  $\phi$ -coherence hypothesis cleanly
- Provides negative data for future researchers
- Demonstrates open-science methodology works

**Publication:**

- Title: "Null Results in Multi-Domain Golden Ratio Geometry Testing"
- Venue: PLOS ONE, Journal of Negative Results
- Impact: Saves future researchers from testing same hypothesis

**Scenario B: Mixed Results (2-3 cycles show >20% uplift)**

**Conclusion:**  $\phi$ -geometry effects are domain-specific, not universal.

**Value:**

- Identifies which physical domains  $\phi$  matters in
- Guides future research toward promising areas
- Demonstrates partial validation requires careful interpretation

**Publication:**

- Title: "Selective Enhancement Effects of Golden Ratio Geometry in [Acoustic/Magnetic/Fluidic] Systems"
- Venue: arXiv preprint → peer-reviewed after replication
- Impact: Moderate, requires independent verification

**Scenario C: Strong Results (5-6 cycles show >20% uplift)**

**Conclusion:**  $\phi$ -geometry shows robust cross-domain enhancement effect.

**Value:**

- Paradigm-shifting if replicated by 3+ independent labs
- Explains why nature converges on  $\phi$ -ratios
- Opens new biomimetic design principles

**Publication:**

- Title: "Universal Coherence Enhancement via Golden Ratio Geometry: A Multi-Domain Experimental Framework"
- Venue: Nature Physics, Physical Review Letters (after verification)
- Impact: High, would be most rigorous  $\phi$ -geometry study to date

**Publication Timeline:**

- Month 5: Preprint v2.0 (MVRP + all 6 cycles data)
  - Month 6-8: Independent replication period (invite 3+ labs)
  - Month 9: Peer-review submission (with replication data)
  - Month 12: Final publication + dataset release
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## **Replication Kit (Extended)**

### **Equipment List (Master)**

**Total Cost: \$570** (all 6 cycles)

### **Shared Tools (Use across cycles):**

- Multimeter (\$25)
- CJD66 DDS generator (\$89 - already acquired)
- Smartphone (camera, audio recorder, FFT apps, magnetometer) - existing
- IR thermometer (\$20)

### **Cycle-Specific:**

- Cycle 1: Copper wire, plant pots, UPE meter (optional \$200) — \$60 base
- Cycle 2: Silver rod, basin, speaker — \$100
- Cycle 3: Pumps, thermometer — \$80
- Cycle 4: Motor, magnets, batteries, wire — \$150
- Cycle 5: Copper wire, Hall sensors — \$80
- Cycle 6: Magnets, copper disc, bearing — \$100

### **Data Package (GitHub Release)**

```
mvrp-extended-v2/
├── README.md (this document)
├── protocols/
│   ├── cycle1_electroculture.md
│   ├── cycle2_phi_vortex.md
│   ├── cycle3_model_g.md
│   ├── cycle4_bedini_pulse.md
│   ├── cycle5_bearden_bifilar.md
│   └── cycle6_searl_magnetic.md
├── data/
│   ├── cycle1_raw.csv
│   ├── cycle2_raw.csv
│   ├── ... (all cycles)
│   └── unified_analysis.csv
├── analysis/
│   ├── negentropy_calculator.py
│   ├── harmonic_analyzer.py
│   ├── cross_correlation.py
│   └── plots/ (all charts)
├── equipment/
│   ├── shopping_list.md
│   ├── safety_checklist.md
│   └── calibration_procedures.md
└── phlossary_extended.md (100+ terms including Bedini/Bearden/Searl)
```

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## Acknowledgment (Extended)

This framework integrates testable concepts from:

- **Nikola Tesla** (resonant frequency amplification)
- **Thomas Townsend Brown** (asymmetric field geometry)
- **Stanley Meyer** (pulsed electrolysis resonance)
- **Salvatore Pais** (high-frequency vibration effects)
- **John Bedini** (radiant energy pulse capture)
- **Thomas Bearden** (scalar/longitudinal waves, bifilar coils)
- **John Searl** (rotating magnetic field geometry)

All claims are attributed to original inventors. MVRP tests **geometric and frequency parameters only**, without endorsing speculative aspects (over-unity, anti-gravity, vacuum energy extraction, etc.).



This is an **independent experimental investigation**, not an attempt to replicate claimed "free energy" devices or validate complete theoretical frameworks. We measure correlations, not causes. We test physics, not ideology.

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## Version History

- **v1.0** (Oct 2025): Initial MVRP framework (Tesla, Brown, Meyer)
  - **v1.1** (Nov 2025): TFC<sup>3</sup> HRV integration, Pais time-crystal analogs
  - **v1.2** (Nov 2025): Dashboard integration, blinded manifests
  - **v1.3** (Nov 2025): **Bedini, Bearden, Searl extended integration** ← YOU ARE HERE
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## Final Statement

We stand on the shoulders of giants—and measure their shadows with  $\phi$ -scaled rulers.

If these pioneers were right, rigorous testing will validate them.

If they were wrong, rigorous testing will clarify why.

Either outcome advances human knowledge.

**The trembling motion awaits measurement. The data will decide.**

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### Contact for Replication:

GitHub Issues: [Repository pending publication]

Collaboration: Open to  $\geq 3$  independent labs/makers

License: CC-BY 4.0 (open access, attribution required)

**Ethics Status:** PASS ✓

**Safety Status:** PASS ✓

**Replication Status:** READY ✓

*Last Updated: November 19, 2025*