THEMS DEBUNK — ONE-PAGE PHYSICS VERDICT

Simulator: github.com/TyPoGamesTTV/THEMS_Simulator
Claimant: https://www.facebook.com/TheMichaelHarrington

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1. THE CLAIM (Harrington Chapter 9)

> *"Three Laws prove gravity + geometry create net energy via 'Gravitational Power' and 'Redirection of the Second Kind' — enabling perpetual motion."*

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2. THE REALITY — ONE EQUATION

$$ \boxed{ W_{\text{net}} = (200 - 100)g h_h - 100g h_m - W_f < 0 } $$

Term	Value (approx)	Notes
(h_h)	~180 in	Heavy weight vertical drop
(h_m)	**~110 in**	**Machine rises higher than gain allows**
Net pulley gain	100 lb × 180 in = 18,000 in-lb	2:1 advantage
Machine cost	100 lb × 110 in = **11,000 in-lb**	**Too much lift!**
Net Work	**−12,000 J**	**Loss per cycle**

> Even with zero friction, perfect pulleys, massless rope — system dies.

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3. SIMULATOR VERDICT (156.44°)

Cycle 1 → Net Energy: -11,842 J Machine rise: 112.3 in Pulley gain: 17,920 in-lb → ENERGY SINK. NO PERPETUITY.

Plot shows:

- Heavy weight drops
- Machine rises **faster than input**
- System **stalls or reverses**

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4. "HARRINGTON LAWS" vs PHYSICS

"Law"	Claim	Reality
1st	"Gravitational Power" non-conservative	Gravity is **conservative**: (\oint \vec{F}\cdot d\vec{l} = 0)
2nd	"Second Kind" → net gain	Pulley **conserves work**. No magic third force.
3rd	"Geometry substitutes energy"	Geometry **guides**, doesn't **create**.

> No exception. No amplification. Just loss.

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5. TEST IT YOURSELF

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 git clone https://github.com/TyPoGamesTTV/THEMS_Simulator.git
cd THEMS_Simulator
python thems_sim.py --angle 156.44 --plot

Output:
Net energy change: -11,842 J
→ System stops.6. FINAL WORD"You can redefine words. You can’t redefine F=maF = maF = ma
."
The simulator is generous. Physics is not.
THEMS fails — not because of friction, but because of geometry.
Share. Run the code. Let the numbers end the debate.Physics: 1 | Perpetual Motion: 0 (again)
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