

Confession: I Didn't Calculate This. I Mined It.

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The Origin Story

Let's be honest. Most scientific papers start with a profound hypothesis derived from years of studying Lagrangian mechanics or Quantum Field Theory. This one didn't.

This theory started because I wanted to see if the Universe had a source code, and I had a Python script and an **NVIDIA RTX 3060 (12GB)** that wasn't doing anything useful.

The Brute Force Attack

While the rest of the world was burning electricity mining Bitcoin or training AI chatbots, I decided to turn my GPU against the CODATA fundamental constants. I wrote a brute-force symbolic regression script with a simple goal: *Smash fundamental constants (π, e, α, ϕ) together in every conceivable combination and see what hits reality.*

I let the script run for **three days**. My room got hot. The fans were screaming. The GPU was crunching billions of geometric combinations per second, looking for a signal in the noise.

The Needle in the Haystack

After 72 hours, the script spit out a log file. After filtering out the tautologies and the numerical trash, I was left with about **800 candidate equations**.

Most of them were ugly. Complex fractions involving $\sqrt{2}$, e^3 , and other random noise that just happened to align with measurement errors.

But then, I saw *The One*. It was staring at me from the middle of the list. It was the equation for the Proton-to-Electron mass ratio. It wasn't complex. It didn't look like "math noise." It looked suspiciously, impossibly simple:

$$\frac{m_p}{m_e} \approx 6\pi^5$$

I stared at it. I laughed. I thought, "*That's too stupid to be true.*" Physics isn't supposed to be this clean. Physics is supposed to be messy tensors and integrals. A perfect hexagon (6) and a 5-dimensional sphere (π^5)? Come on.

The Rabbit Hole

But I checked the error. **0.0019%**.

That was suspicious. So I took that "silly" equation and asked: "*If the proton is $6\pi^5$, what does that imply for gravity?*" I plugged it back into the code. And suddenly, Newton's gravitational constant G fell out of the math with an error of **0.003%**.

That was the moment I stopped laughing and started writing.

What you see in my formal papers is the reverse-engineered logic—the "why" behind the "what." But let the record show: I didn't derive the Universe on a chalkboard. I brute-forced it on a mid-range gaming graphics card.

Sometimes, you don't need a particle collider. Sometimes, you just need a 'for' loop and a lot of patience.

– Jan Šági