

# FIXING PHYSICS



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A SIMPLE STORY OF HOW A CONSTANT, SELF-ENERGY, WAS DROPPED BY MISTAKE IN THE 1920S WHEN WRITING OUT THE SCHRÖDINGER EQUATION SANK QUANTUM MECHANICS. COMPOUNDED BY A SIMILAR ERROR WITH THE DEFINITION OF ENERGY IN THE DIRAC EQUATION THAT EVENTUALLY PULLED DOWN PHYSICS AS A WHOLE.

PHYSICS BECAME SUCH A PROFITABLE CHARITY FOR BOTH PUBLIC AND PRIVATE FUNDS THERE WAS NO DESIRE ON THE PART OF THE RECEIVERS TO REVISIT ITS HISTORY THAT WOULD RUIN THE CREDIBILITY OF COUNTLESS PROFESSORS AND NOBEL PRIZE WINNERS.

TO MAINTAIN THIS CHARADE THE ENTIRE FIELD WAS CORRUPTED BY BARING THE USE OF ITS OWN HISTORY IN JOURNAL PUBLICATIONS BY ALLOWING NO QUESTIONS ABOUT THE FOUNDATION OF QUANTUM MECHANICS.

ESTIMATED WASTE IN DoE'S PHYSICAL SCIENCE RESEARCH BUDGET OVER 47 YEARS SINCE ITS INCEPTION BECAUSE OF THE FLAWED QUANTUM MODELS USED IN ALL AREAS OF PHYSICS IN 2024 DOLLARS.

.34 TRILLION DOLLARS

## The Good

Young's Double Slit	Bell's Inequalities
Faraday's Induction	Clauser Experiment
Plank's Quanta	Godel's Recursive Programming
Photo Electric Effect	
General Relativity	Michelson-Morley

## The Incomplete

Special Relativity missing  $\gamma < 1$

Schrödinger Equation missing two terms  
second order time derivative and  $\nabla^2 / 2 m_0 c^2$

## The Voided

Dirac Equation	Oskar Klein's Energy Operator
Klein-Gordon Equation	Kaluza-Klein's Extra Dimension
Quantum Electrodynamics	Massive Neutrinos
Quantum Chromodynamics	Dark Energy
Strings and the Swamp	Elementary Dark Matter
Weak Force	Standard Models

## The New

Self-Reference Frame for Particles and Fields

Relativistic Conservation of Energy with Potentials

$$E^2 = p^2 c^2 + m_0^2 c^4 + 2 m_0 c^2 V + V^2 \text{ for electrostatics and strong force}$$
$$(E + V_g)^2 = p^2 c^2 + m_0^2 c^4 \text{ for gravity}$$

# NOT ALL POTENTIALS ARE CREATED EQUAL

IN THE 1920s QUANTUM MECHANICS A MICROSCOPIC THEORY, MET GENERAL RELATIVITY A MACROSCOPIC THEORY HEAD ON AND THERE WAS A CLASH AND THEY NEVER CAME TOGETHER. PIECES WERE MISSING FROM BOTH QUANTUM MECHANICS AND RELATIVITY.

- EXPERIMENTS FINDING HUMAN SCALE QUANTUM STRUCTURE SHOWED QUANTUM MECHANICS FUNCTIONING ON A LARGE SCALE AND GAVE A VIEW INTO THE GEOMETRY IN WHICH IT FUNCTIONED.

- THIS GAVE A NEW SET OF DIFFERENTIAL EQUATIONS REPLACING THE SCHRÖDINGER AND DIRAC EQUATIONS TO START THE SECOND CENTURY OF QUANTUM MECHANICS.

- THE GRAVITATIONAL POTENTIAL IS TREATED DIFFERENTLY IN QUANTUM MECHANICS WITH ITS OWN SET OF DIFFERENTIAL EQUATIONS.

PAPERBACK VERSION:

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