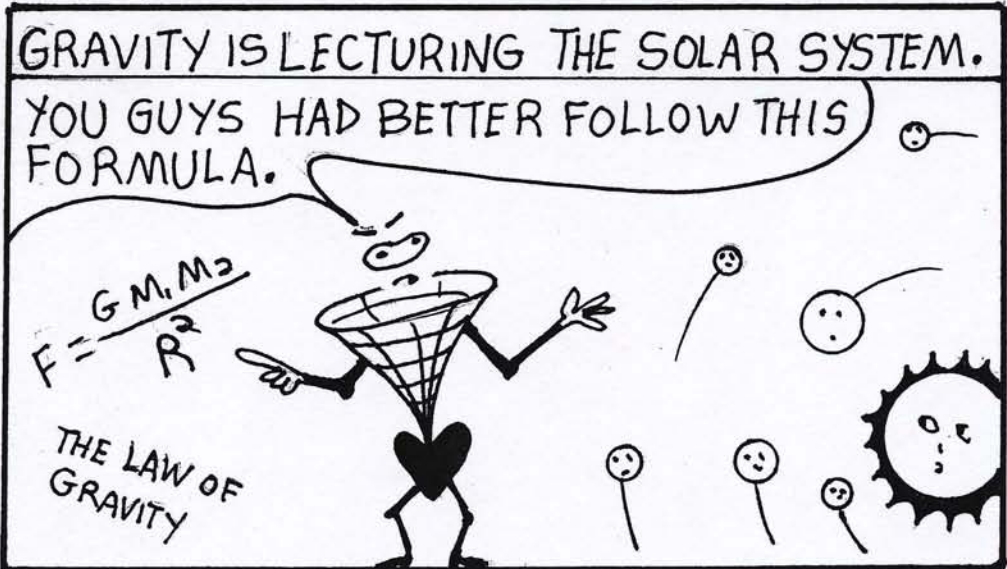


DON'T CHANGE A THING

5/5
© OCTAGOD

GRAVITY IS LECTURING THE SOLAR SYSTEM.
YOU GUYS HAD BETTER FOLLOW THIS FORMULA.



$$F = \frac{G M_1 M_2}{R^2}$$

THE LAW OF GRAVITY

A character with a diamond-shaped head and a heart-shaped body is pointing at a group of planets and the sun. The sun has a face and is looking towards the character. The planets are also simple circles with faces.

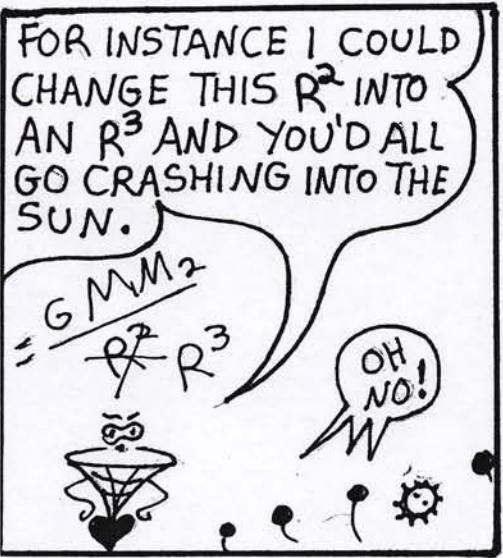
YOU SEE I COULD CHANGE IT AND YOU'D BE IN BIG TROUBLE.



$$F = \frac{G M_1 M_2}{R^2}$$

A close-up of the Gravity character's face, showing a mischievous expression. The formula $F = \frac{G M_1 M_2}{R^2}$ is written next to him.

FOR INSTANCE I COULD CHANGE THIS R^2 INTO AN R^3 AND YOU'D ALL GO CRASHING INTO THE SUN.



$$F = \frac{G M_1 M_2}{R^2 R^3}$$

OH NO!

The Gravity character is pointing to the formula where the R^2 has been crossed out and replaced with R^3 . A speech bubble from one of the planets says "OH NO!".

OR I COULD MAKE R^2 R AND YOU'D ALL GO FLYING OUT INTO EMPTY SPACE.



$$F = \frac{G M_1 M_2}{R R}$$

OH NO!

The Gravity character is pointing to the formula where the R^2 has been crossed out and replaced with R . A speech bubble from one of the planets says "OH NO!".

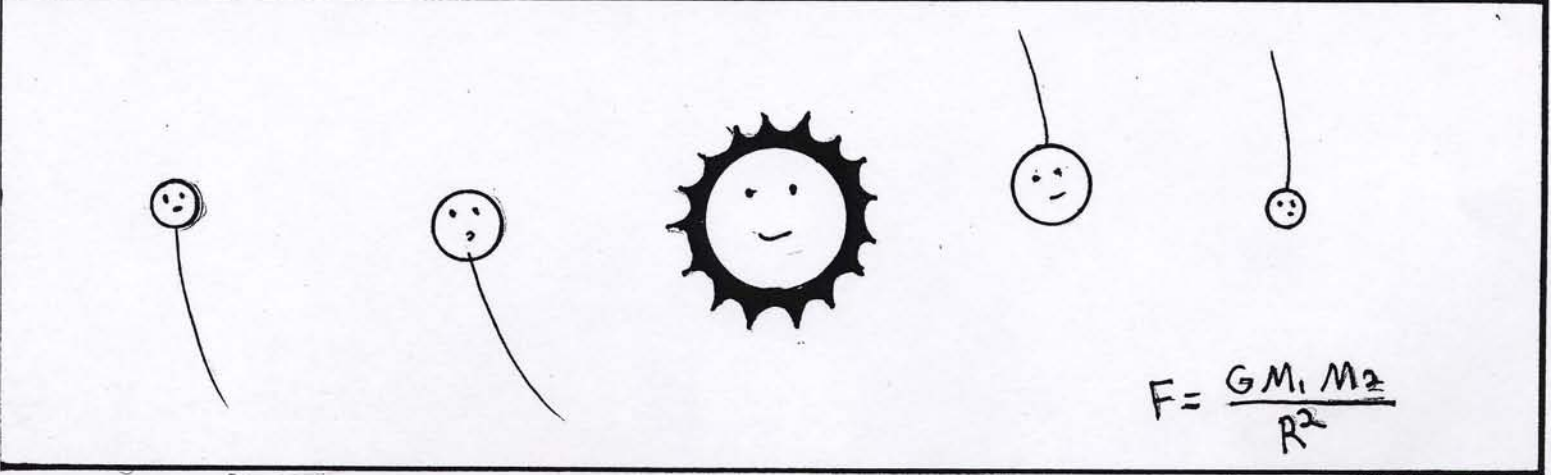
SO I DON'T WANT TO HEAR ANY MORE COMPLAINTS.



OK

The Gravity character is standing with his hands on his hips, looking satisfied. A speech bubble from one of the planets says "OK".

THE SOLAR SYSTEM HAD LEARNED IT'S LESSON AND TO THIS DAY THE EQUATION HASN'T CHANGED A BIT.



$$F = \frac{G M_1 M_2}{R^2}$$

The solar system is shown in a state of equilibrium. The sun is in the center, smiling. Planets are orbiting it. The Gravity character is no longer present. The formula $F = \frac{G M_1 M_2}{R^2}$ is written at the bottom right.

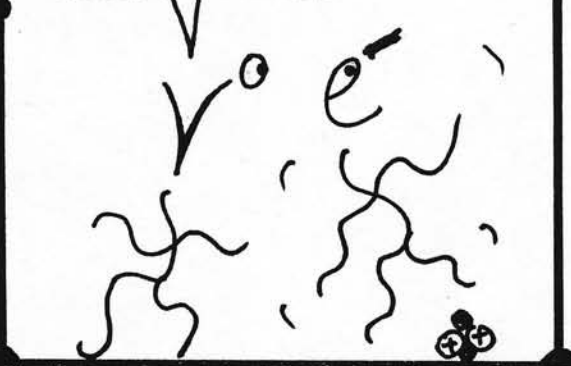
THE ELECTRON^{e-} AND THE NEUTRINO^{ν⁰}

©OCTAGOD^{3/5}

HOLY! HOLY! HOLY!
I'VE GOT IT.

WHY ARE YOU
SO EXCITED?

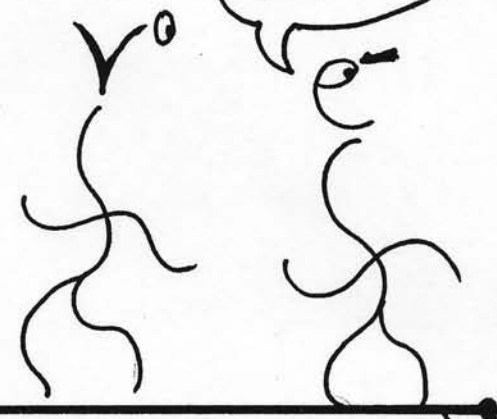
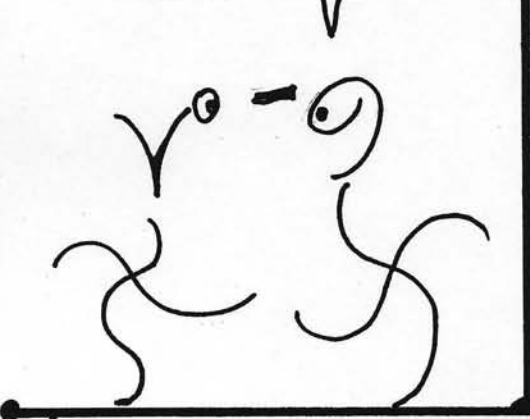
I'VE JUST ABSORBED
A PHOTON.



AND I'VE SEEN
THE LIGHT!

I WISH I COULD
SEE THE LIGHT.

BUT I CAN'T
WHY?



BECAUSE I DON'T
INTERACT WITH
ANYTHING.

AND SO MY WALK IN THE
DESERT SEEMS TO LAST
FOREVER.



POOR
LONELY
NEUTRINO

THE FUNDAMENTAL PARTICLES

© OCTAGOD 4/5

THE PARTICLES WERE FUNDAMENTALISTS, THEY FOLLOWED THE INSTRUCTIONS OF THEIR GOD WITHOUT QUESTION



$$\Delta\Psi + 8\pi^2 M(E-U)\Psi / h^2 = 0$$

WE MUST FOLLOW THE EQUATION.

WHEN IT SAYS JUMP WE JUMP.

IT'S THE LAW.

THESE WERE THE SACRED LAWS OF PHYSICS.

THIS IS PLANCK'S CONSTANT

THE HOLIEST OF NUMBERS.

h

BUT THEN SOME BEGAN TO QUESTION THE GODS.

BUT WHY DO WE FOLLOW THE EQUATIONS?

WHAT! YOU DARE QUESTION THE EQUATIONS?!

$F=MA$

$E=MC^2$

PHYSICISTS

THE EQUATIONS WERE CREATED FROM A CONSCIOUSNESS THAT LOOKS DOWN FROM ON HIGH.

NO YOU'RE WRONG! THE EQUATIONS COME FROM US. WE'RE RESPONSIBLE FOR OUR OWN BEHAVIOR!

IN FACT I THINK THE GODS ARE MADE OF PARTICLES.

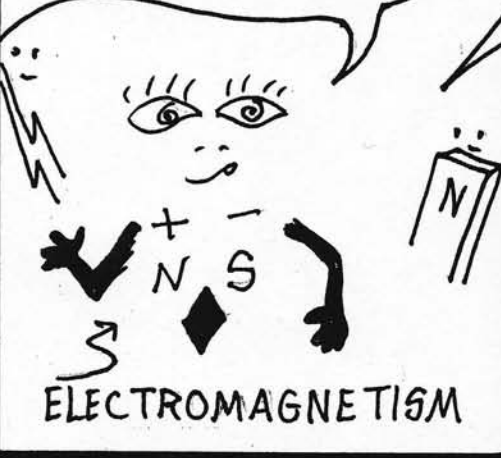
YOU MEAN THEY EMERGED FROM US?

HOW DARE YOU.

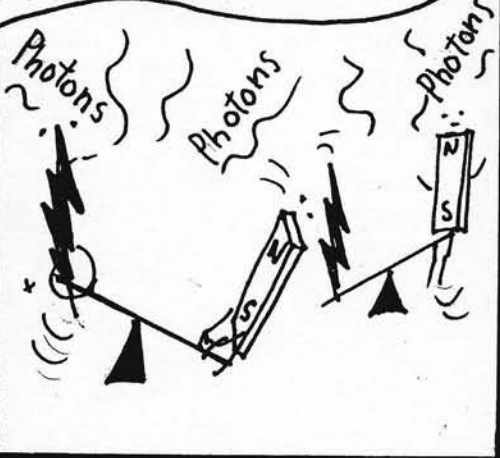
YOU'RE OUT OF EQUILIBRIUM.

A Mother Worries © OCTAGOD ^{3/5}

ELECTRICITY & MAGNETISM ARE MY CHILDREN, AND I LOVE THEM BOTH.



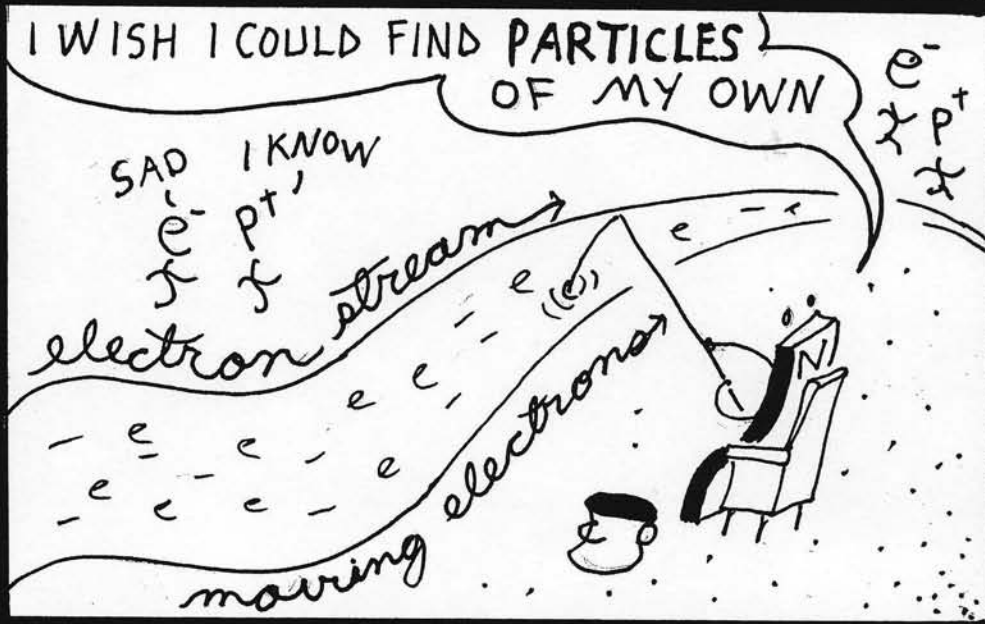
WHEN THEY PLAY TOGETHER THEY LIGHT UP THE WORLD. BUT THEY'RE NOT EQUAL.



ELECTRICITY HAS A GOOD RELATIONSHIP WITH REAL PARTICLES LIKE THE PROTON AND THE ELECTRON.



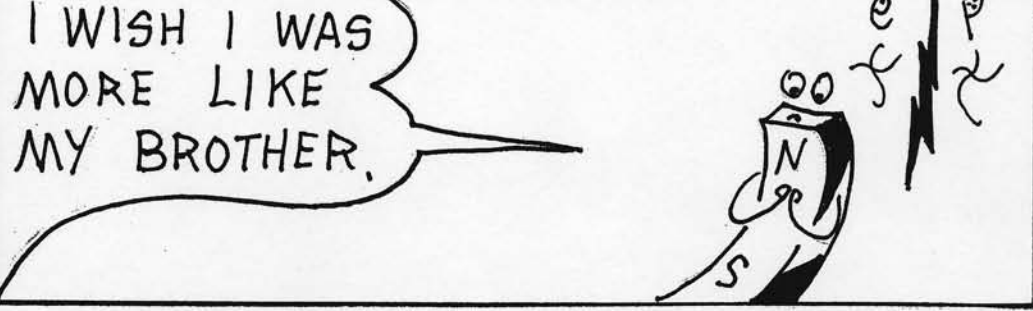
BUT MAGNETISM, THE WEAKER OF THE TWO, IS COMPLETELY DEPENDENT ON THE MOTION OF OTHERS.



I WANT A SEPARATE NORTH OR SOUTH POLE JUST LIKE THE ELECTRON OR THE PROTON.



SO LIKE ANY MOTHER I WANT MY CHILDREN TO HAVE AN INDEPENDENT EXISTENCE. BUT FOR NOW I GUESS MAGNETISM'S "MAGIC MONOPOLE" WILL JUST HAVE TO REMAIN HER IMAGINARY FRIEND.



UNCERTAINTY & FAITH

MAYBE IT'S GODS' VOLTAGE THAT PULLS ELECTRONS TO WORSHIP.

WE ARE HERE TO PROCLAIM OUR FAITH.



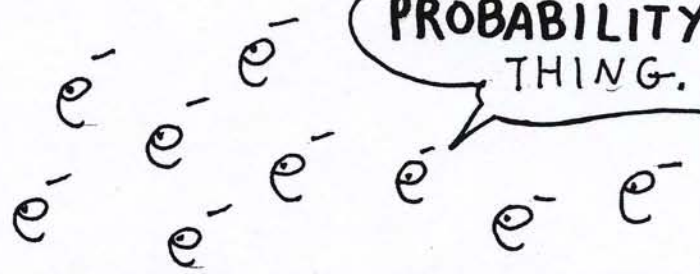
FOR GOD KNOWS WHERE YOU ARE AND WHERE YOU ARE GOING.



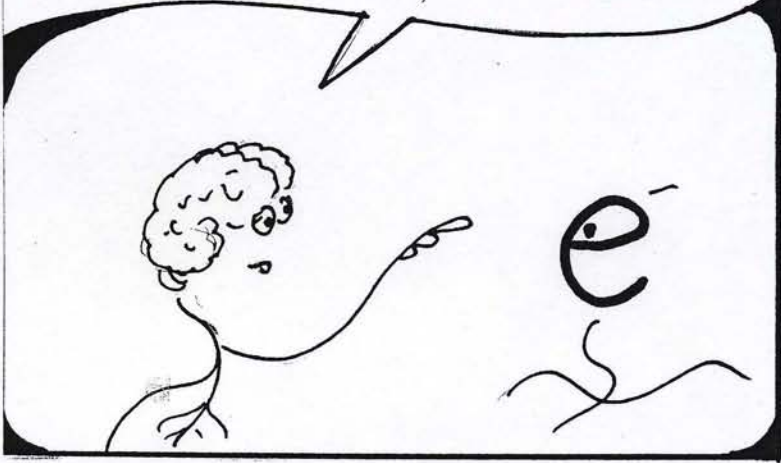
BUT WHAT ABOUT THE **UNCERTAINTY PRINCIPLE**?

I DON'T KNOW WHERE I AM OR WHERE I'M GOING.

YEAH IT'S MORE LIKE A **PROBABILITY** THING.



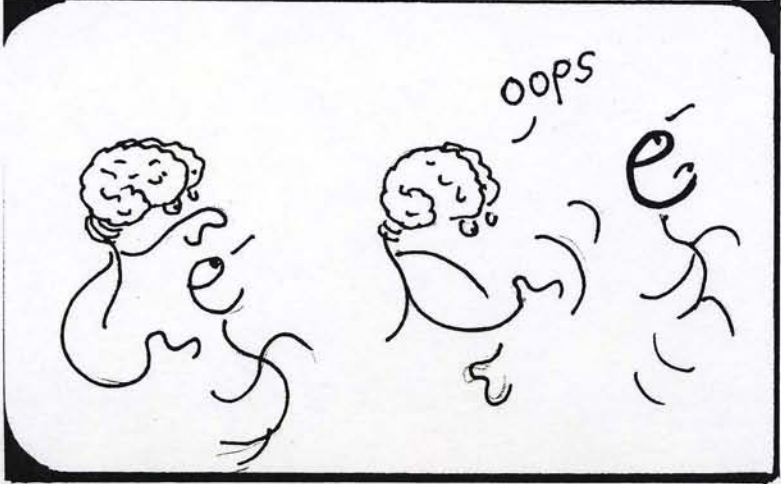
THIS IS UNACCEPTABLE. BECAUSE IN FAITH ALL THINGS ARE CERTAIN.



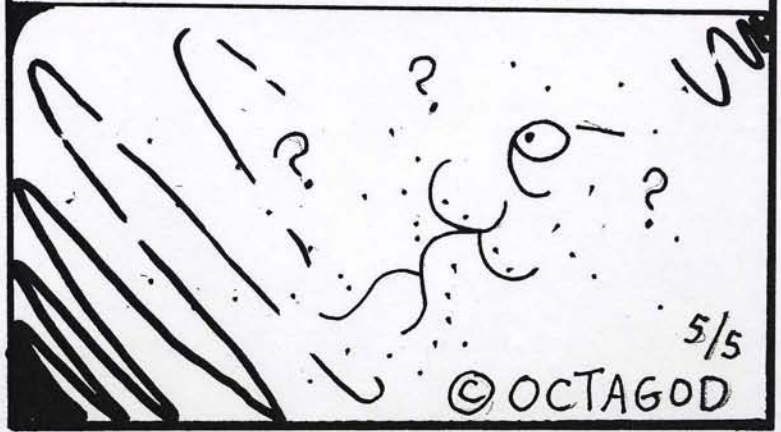
THEREFORE THROUGH **MEASUREMENT** WILL YOU BE KNOWN.



BUT WHEN THE PREACHER TRIED TO GRAB THE ELECTRON HE MOVED.

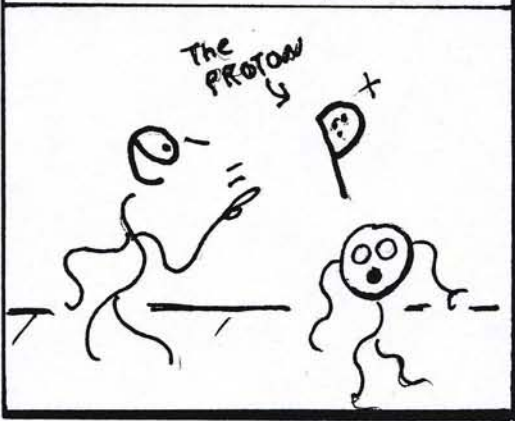


AND TO THIS DAY NO ONE IS EXACTLY SURE WHERE HE IS OR WHERE HE'S GOING.

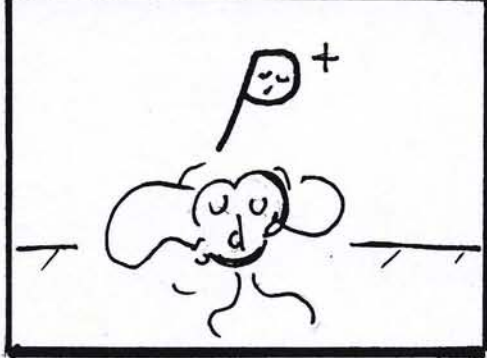


Why Jogging doesn't WORK © 5/5 OCTAGOD

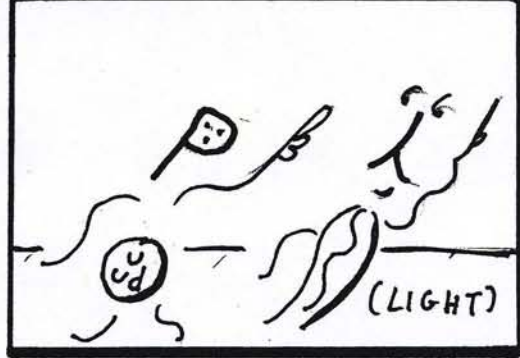
MY WIFE, THE ELECTRON
THOUGHT I SHOULD
LOSE SOME MASS.



SHE WAS RIGHT. I
COULD FEEL THE
QUARKS ROLLING
AROUND INSIDE OF ME.



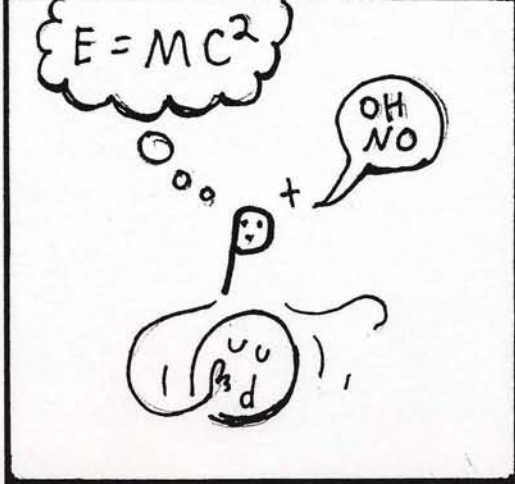
SO WITH THE SPEED OF
LIGHT AS MY GOAL, I
DECIDED TO TAKE UP
JOGGING.



I WENT TO THE LOCAL ACCELERATOR WHERE I WAS URGED
ON BY OSCILLATING MAGNETIC FIELDS. I WENT FASTER AND
FASTER UNTIL I ALMOST REACHED THE SPEED OF LIGHT.



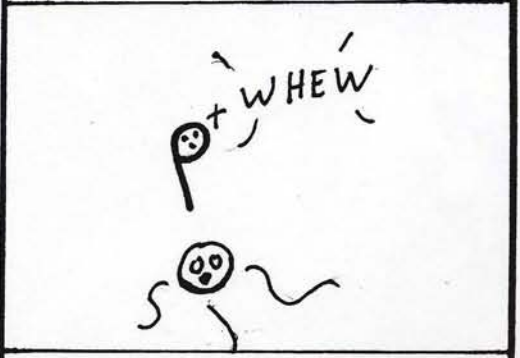
BUT INSTEAD OF
LOSING MASS I
GAINED IT!



SO MUCH SO THAT
I COULDN'T GO ON
I'LL NEVER REACH
THE SPEED OF LIGHT



AND SO I STOPPED AND
WHEN I DID THE EXTRA
MASS WENT AWAY..



AND THAT'S WHY
JOGGING DOESN'T WORK.