THE "GREAT MISTAKE"

Mark Twain:

It ain't what you don't know that gets you in trouble. It's what you know for sure that just ain't so.

M.D. Earl 2023

THIS WEBSITE MATHEMATICALLY SHOWS HOW AND WHY THINGS YOU "KNOW" ARE NOT TRUE. SOME TRUTHS WHICH ARE CONTRARY TO WHAT IS "KNOWN":

Ho (for universe) IS CONSTANT.
C EXPONENTIALLY INCREASES
TIME IS ABSOLUTE
UNIVERSAL ACCELERATION IS HOC
CURRENT ASTRONOMICAL DISTANCES AND VELOCITIES ARE REPLETE WITH
INCORRECT CALCULATIONS

ALL THEORIES ARE BASED UPON OBSERVABLE FUNDAMENTAL PRINCIPLES.

IF THE FUNDAMENTALS ARE WRONG, THE THEORY WILL BE WRONG.

RELATIVITY IS BASED UPON FAMILIAR (EARTHLY) <u>INERTIAL</u> MATHEMATICS AND A POSTULATED CONSTANT LIGHT SPEED, C THE **"GREAT MISTAKE"**.

THIS "GREAT MISTAKE" HAS LED COSMOLOGY ASTRAY FOR OVER 100 YEARS.

INSTEAD, OUR UNIVERSE IS UNDERGOING A CONTINUOUS UNRECOGNIZED EXPONENTIAL EXPANSION (XPXP) AS PER THE HUBBLE/LEMAITRE LAW.

IT IS NOT POSSIBLE TO USE NON-EXPONENTIAL MATH TO DESCRIBE AN XPXP COSMOS.

SPECIAL AND GENERAL RELATIVITY, AND THEREFORE THE COSMIC λCDM MODEL, ARE INCORRECT.

IT WILL BE DEMONSTRATED THAT THE MATHEMATICS OF A THEORY OF EXPONENTIAL EXPANSION (XPXP) EXPLAINS WHAT WE THINK WE "KNOW", IS NOT NECESSARILY TRUE.

TODAY'S SO-CALLED "CRISIS IN COSMOLOGY" IS CAUSED BY IMPROVED TECHNOLOGY REVEALING WEAKNESSES IN THE λ CDM THEORY.

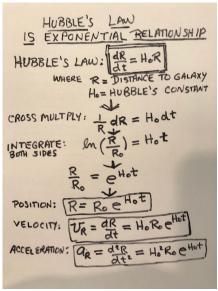
XPXP SHOWS:

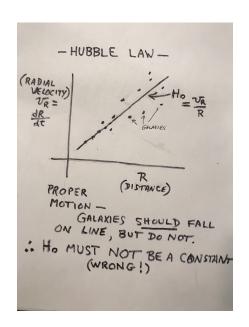
GRAVITATION AND THE HUBBLE FLOW OBEY THE SAME XPXP PRINCIPLES.

LIGHT SPEED IS <u>MEASURED</u> AS A CONSTANT ANYWHERE IN AN XPXP UNIVERSE. WHEN DEVELOPING THE (XPXP) MODEL, IT WAS DISCOVERED THAT LIGHT SPEED IS MEASURED AS CONSTANT FROM ANY FRAME! THIS IS SHOWN ON THE WEBSITE.

THE DISTANCE TO A GALAXY IS LIGHT SPEED TIMES THE TIME IT TAKES TO GET THERE. SIMPLE, BUT INCORRECT.

COSMIC ACCELERATION = HOC





BUT HO MUST BE CONSTANT

Ho IS NOT CONSTANT BECAUSE NON-EXPONENTIAL MEASUREMENTS ARE USED TO PROVE IT.

IT MUST BE REALIZED THE EFFECT UPON COSMOLOGICAL THEORY IF LIGHT SPEED IS NOT CONSTANT. THE IMPACT OF REVELATION IS IMMENSE, REQUIRING NEW CONSIDERATIONS.

THE UNCONVENTIONAL, BUT <u>VALID</u>, LOGIC AND MATH OF THE XPXP THEORY IS PRESENTED ON THIS SITE. PLEASE ATTEMPT TO UNDERSTAND IT BEFORE SUMMARILY DISMISSING.

IT SHOULD INTRODUCE AN ENTIRELY DIFFERENT PERSPECTIVE TO ALL.