

Also by Roger Ellman:

** THE ORIGIN AND ITS MEANING*

*ON THE ORIGIN OF THE UNIVERSE AND ITS MECHANICS,
THE MECHANISM AND ORIGIN OF INTELLIGENCE,
AND THE IMPLICATIONS FOR THE INDIVIDUAL AND SOCIETY*

** ON THE NATURE OF MATTER*

*THE ORIGIN OF THE UNIVERSE CREATED MATTER
FUNDAMENTALLY WAVE IN NATURE, NOT PARTICULATE*

** THE PHILOSOPHIC PRINCIPLES OF RATIONAL BEING*

*ANALYSIS AND UNDERSTANDING OF
REALITY, TRUTH, GOODNESS, JUSTICE, VIRTUE, BEAUTY,
HAPPINESS, LOVE, HUMAN NATURE, SOCIETY, GOVERNMENT,
EDUCATION, DETERMINISM,
FREE WILL, AND DEATH*

** GRAVITICS*

THE PHYSICS OF THE BEHAVIOR AND CONTROL OF GRAVITATION

** THE TROUBLE WITH THE HUBBLE LAW*

*AN ALTERNATIVE TREATMENT OF REDSHIFTS IS EVIDENCED BY
FOUR INDEPENDENT OBSERVED COSMOLOGICAL EFFECTS.*

*** RESOLUTION OF THE "SPOOKY" PROBLEMS
OF QUANTUM MECHANICS**

*THE WAVE NATURE OF PARTICLES AND LIGHT RESOLVES
EINSTEIN'S "SPOOKY" ENTANGLEMENT PROBLEM AND THE
"WEIRDNESS" OF QUANTUM MECHANICS*

*** HOW TO TRAVEL TO AND EXPLORE MARS OR ALPHA
CENTAURI B**

*USE OF FUEL IS IMPRACTICAL FOR SPACE EXPLORATION. THE ONLY
FUEL-FREE ACCELERATION FOR SPACE EXPLORATION IS BY
CONTROLLED GRAVITATION, AND THAT IS THE ONLY MEANS FOR A
FLYING VEHICLE TO EXPLORE A DISTANT PLANET AND THE ONLY
MEANS OF TRAVEL TO IT.*



PRIME OBJECTIVE TIME, PRIME OBJECTIVE SPACE

*EINSTEIN IN HIS THEORIES OF RELATIVITY INSISTED
ON TWO UNIVERSAL PRINCIPLES:*

- 1 – THERE IS NO PRIME FRAME OF REFERENCE,*
- 2 - AND LIKEWISE THERE IS NO PRIMARY TIME.*

Neither of those denying principles is correct.

It is here shown that there is
a prime frame of reference, objective space.

And, it is here shown that there is
one grand overall flow of time, objective time.

*Correcting those denials removes their adverse affects
on Science and on Society*

ROGER ELLMAN

Cataloging Data

Ellman, Roger (1932-)

Prime Objective Time, Prime Objective Space

That, contrary to the position of the theory of relativity, there is an objective prime time and there is an objective prime frame of spatial reference.

PRIME OBJECTIVE TIME, PRIME OBJECTIVE SPACE

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Library of Congress Control Number:2019913464

Published by: The-Origin Foundation, Inc.,
1401 Fountaingrove Pkwy.
Santa Rosa, CA 95403, USA
707-537-0257

<http://www.The-Origin.org>

ISBN: 9781691079070

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The-Origin Foundation, Inc. is a non-profit organization founded to foster independent scientific, mathematical, and philosophical research.

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He is author of seven books in addition to the present “Prime Objective Time, Prime Objective Space”.

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PREFACE

In the 19th Century the development of Maxwell's equations and of the behavior of light led to a new problem. While Newton's Laws and other physical behavior readily transformed from one frame of reference to another by means of simple linear transformations, the new equations of electromagnetic behavior would not so transform.

It was the physicist Lorentz who resolved the problem with his "Lorentz Transforms", but that created another problem. It created a universe in which the mass of objects, their length, and the time involved in their motions were all relative, depending on the velocity of the object being considered.

And, Einstein in his theories of relativity codified these into two principles:

- 1 - That there is no prime frame of reference in the universe, rather all frames are relative, and
- 2 - That likewise there is no prime objective time in the universe, rather all time is relative.

Neither of those conclusions or principles is correct.

It is here shown that there is a prime [not preferred, not special, not different] frame of reference, objective space [which corresponds to the frame of the Big Bang].

And, it is here shown that there is one grand overall flow of time, prime objective time.

That reality of prime space and time, regardless of how we may view them from our particular frame and our particular motion, has had a significant adverse affect on science's understanding of the behavior of material matter.

And making those corrections removes a major adverse affect on human society that resulted partly from science's past denial of absolute space and absolute time.