

Edited by James E. Beichler and Samuel Stansfield

This journal is dedicated to both the explanation of paranormal phenomena within the context of physics and extending the science of physics into areas of study that are normally considered beyond the scope of physics. This journal will offer a forum where refereed papers can be presented without prior prejudice toward either their content or subject matter. The material presented will span all levels of knowledge. Knowledge cannot be reserved for those who are highly educated, but is the right of all who search it out. It is hoped that this journal will prove interesting to the self-educated reader as well as the professional scientist. The ideas and content of the articles will be stressed rather than the "scholarly" language of presentation, as long as the proper norms of presentation are preserved. The journal will also offer a forum where issues concerning the conceptual bases of physics and the validity of advance in the science of physics into the paranormal and elsewhere can be openly discussed. As an electronic journal, the editors have far more latitude for the presentation of ideas than would normally occur in a hardcopy journal and this latitude will be utilized whenever necessary. The format of this journal will surely change in the first few issues, but the philosophy behind its publication will not change.

What is PARAPHYSICS?

What is the YGGDRASIL?

CURRENT CONTENTS

Volume I, Issue 3

"Paraphysics on the Internet: The Good, the Bad, and the Ugly"

A good deal of what passes on the Internet as 'paraphysics' has little or nothing to do with the science of paraphysics. The term is misused as well as abused by many who do not understand (or do not care to understand) the meaning of the term. A recent home page titled "The Paraphysics of Star Trek" is a good case in point. Even a keyword search on the term 'paraphysics' turns up some erroneous information. A hyperlink resource list to some the best 'paraphysics' on the Internet is included and will become a permanent feature of the *Yggdrasil*. (35 Kb)

"To Be, or Not to Be? An analytical study of psi as a physical quantity"

Psi phenomena have long been typified as mental phenomena, but they clearly display physical properties. The definition and enumeration of these physical properties is a necessary step in successfully developing either a physical theory or a working model of how psi functions. In this article, three questions relative to this issue are discussed: Is psi a physical quantity, how are psi and physical concepts related, and is psi a quantum or field effect? (127 kb)

"The Search for Spock: Developing the Theoretical Basis of Psi"

Attempts to develop physical theories and models of psi phenomena have been numerous but futile in the past. The one element that these attempts share in common with one another is that they reflect the current attitudes and priorities of physics. This fact yields a convenient way to categorize and study these theories. This paper documents some of the physical theories of psi and places them within their proper historical contexts. (261 Kb)

"A New Theory of Psi"

This paper represents an attempt made in 1979 to derive a new theory of psi based upon a five-dimensional worldview. The theory posits "propensities" which are associated with animate material particles. These "propensities" are five-dimensional extensions of the normal space curvatures that represent matter in the four-dimensional space-time continuum of general relativity. (19Kb text plus graphics)

VOLUME I CONTENTS

ISSUE 1

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"The New and Improved Paraphysics"

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"The Yggdrasil as metaphor"

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"Bubble, Bubble, Toil and Trouble!
A fresh look at relativity, uncertainty and compatibility."

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"Twist 'til we tear the house down!"

* * *

"Either/Or: Spiritualism and the roots of paranormal science."

ISSUE 2

"Has 'anti-gravity' become a reality?"

"Up, Up and Away: The fifth dimension in physics"

"Simple 'MYSPHYT' Theory"

"The PSIence Fiction of H.G. Wells"

COMING ARTICLES for Volume I, Issue 4

"The Five-Dimensional Unified Field"

Kaluza's theory is considered the progenitor of all modern hyperdimensional unified field theories. Both Maxwell and Einstein's field equations have been successfully derived from the single-field model presented by Kaluza, but philosophical problems have always dogged Kaluza's theory. So the majority of scientists never accepted it. In this article, a new extension of Kaluza's theory is offered. It alleviates past philosophical problems and unifies the natural forces (interactions) of physics as well as the quantum and relativity theories.

"The Adventures of Psi in Five Dimensions"

A five-dimensional Kaluza space-time, with modifications, has been found to offer the best physical framework for the physical interactions associated with psi. No other physical or mental framework offers as wide a variety of possibilities for the explanation of the various forms of psi phenomena. Given this extra-dimensional framework, psi emerges as a natural consequence of the physics when the differences between animate and inanimate matter are taken into account. This paper offers an extension of the theory as published in the previous issue of the *Yggdrasil*.

"Physics and Consciousness"

Physics does not normally distinguish between animate and inanimate matter, living and dead masses. Since consciousness is a property of living matter and not dead matter, the questions represented by the existence of consciousness do not enter classical physics. However, this situation has changed over the past few decades. It now seems that a conscious act is necessary to 'collapse the wave packet' in the quantum mechanical view of nature. This new introduction of consciousness as a necessary ingredient for understanding our world at the quantum mechanical level presents new and challenging problems for scientists. These scientists have adapted their worldviews to account for consciousness and are seeking new theories of physics to explain phenomena.

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Pre-publication copies of upcoming articles will be made available to anyone who wishes to referee them. Anyone wishing to act as a referee for these or any other paper can obtain a pre-publication copy of the papers by sending an e-mail request to the editor at "jebco1st@aol.com." Comments on the pre-publication copy should be sent to the editor at the same address. These comments will be collected and forwarded to the author for final corrections before publication. Once an article has been published, it will not be changed so that final copies of the journal can be published. Referees will be expected to supply appropriate information to demonstrate some expertise in the subject of the pre-publication paper. Otherwise, anyone can referee any paper for which a pre-publication summary has appeared. The extent to which comments are considered valid by the editorial staff will depend upon any referee's demonstrated knowledge in the subject area, as determined by the editorial staff. All pre-publication comments will be held in the strictest confidence. All comments are welcome!

REQUEST FOR REFEREES AND EDITORS

Anyone who wishes to act as a <u>referee or editor</u> on a more permanent basis is cordially invited to contact the editor. The early success of this journal will depend on those who are interested enough to help make it a success.

CALL FOR PAPERS

Anyone wishing to publish an article dealing with any aspect of paraphysics should contact the editor. Do not send complete papers for consideration unless requested to do so. Please send a message describing your paper and/or a short summary with a return address. All general comments and suggestions concerning the journal, as well as messages regarding the submission of papers, should be sent by e-mail to "jebco1st@aol.com."

THE OPEN FORUM

After an article has been published, anyone who wishes to comment on the article is invited do so. These comments will appear in an open forum in later issues with rebuttals or further explanations by the author and editors as deemed necessary. All responses to published articles are welcome. True progress in science comes only after the larger community of scientists and other interested parties understands new concepts, and the open discussion of new concepts is an important part of that understanding process.

SUBSCRIPTIONS

Access to the journal over the Internet/WWW is free. It is not necessary to pre-register for a subscription. However, it is requested that you register for a subscription if you plan

to read the journal on a regular basis. If we know who is subscribing, we can better serve those interested in paraphysics. Subscription forms will be made available at a later date.

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