

ORDAINING REALITY
HOW PHYSICS AND METAPHYSICS
SHAPE YOUR FUTURE

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*Ordaining Reality:
How Physics and Metaphysics Shape Your Future*

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I dedicate this book to my parents for their guidance; to my brother Vincent and the many other contributing physicists whose vast knowledge of Western Physics abridged and redirected my many tangential paths; to my other brothers Walter, Paul, and Robert, authors in their own right, who offered encouragement and instrumental suggestions; to my darling, Carol for her patience and editing assistance, and, finally, to the many authors, friends, and test readers who generously offered their time and invaluable comments along the way.

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MISSION DECLARATION

Essence of the Book

The purpose of this book is to explain the underlying laws of nature supporting the theory that having a positive feeling about an outcome can indeed influence its occurrence (i.e., it becomes preordained).

When it was Conceived

The initial manuscript had a lengthy gestation. Its idea took roots about 40 years ago when I first experienced an ability to influence the outcome of events in my life simply by steadfastly focusing on the desired result. I termed this phenomenon, “*Ordaining Reality*.” Essentially, the term means having the ability to proleptically view the future; i.e., as if presently existing or accomplished.

Why it was Written

To understand this phenomenon, I consulted a long list of books and articles concerning future-creation via positive thinking, visualization, power of prayer, etc. I also researched the results of numerous experiments which evidenced unseen powers (of which many are described in this book). During this examination period I began to increasingly recognize that the specific methodology for bringing about a desired future was secondary to the more fundamental aspect of understanding *how* the phenomenon occurs.

I then spent two decades pondering, researching, and holding discussions with philosophers and physicists regarding how mere contemplation of an outcome (whether through positive thinking, prayer, visualization, meditation, intention, etc.) could substantively increase the probability of its occurrence. During my attempt to uncover this mystery I delved deeply into the fields of study involving Occidental Physics, the broad scope of Eastern Philosophies, and the thought processing modalities of the human brain. The outcome of my research is in large part the subject matter of this book as I found that

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the capacity to influence the future is viable for *some* individuals; however, it does not seem to work as well (or at all) for those who lack sufficient knowledge of the underlying mechanisms.

I discovered that the *key* ingredient for creating my reality was an unshakable belief that I possessed an ability to influence the outcome of future events. I was *positive* that I could do it. However, in the course of trying to help others do the same, I found that many, despite *wanting* a desired outcome, had difficulty sustaining the *belief* that they had the power to bring it about. After lengthy counseling, most would be able to *envision* their desires; however, in short order many of them would begin to distrust their ability to actualize their objectives. Few, if any, of the doubters were successful in bringing about their desired futures while those who *got it*, so to speak, enjoyed considerable success.

I eventually determined that the best way to help those who obstinately harbored misgivings or failed to sustain a belief in this power was to unveil to them the underlying scientific reasons why and how this phenomenon worked and explain it intelligibly. In the course of investigating the connection, I discovered that, in addition to helping people maintain a strong conviction in this power, having an understanding of *how* thoughts and emotions create reality significantly contributes to a successful outcome.

The book's charge, therefore, is twofold. Its first goal is to convey how and why this phenomenon works; its second objective is to instruct its readers how to employ this knowledge to create their own future. As readers will learn, these two objectives go hand-in-glove.

The Challenge

Although my continued investigations into the hazy sphere of the paranormal increasingly convinced me that this phenomenon was real, the path to understanding how one is able to create the future via mere thought without violating the well-proven laws of science was fraught with obstacles. My early assessment revealed that the laws of Occidental Physics circa 1980 did not permit the notion that non-physical phenomena (such as prayer, visualization, contemplation, etc.) could have *any* influence upon physical events, present or future.

In the course of my research I also discovered that the accepted tenet of mainstream physics of this era forbade a host of other phenomena which fell under the general categories of the *parapsychological*, *supernatural*, and *metaphysical*.

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Despite daunting roadblocks and strong assertions by the scientific establishment that *paranormal* and *spiritual* realms do not exist, I held that my own experiences of ordaining reality were real, as I could often create a mental image of a desired future and watch it unfold.

To bridge this impasse, I embarked upon a lengthy mission of discovery. In the early days of my journey I struggled with the paradox that I was able to *ordain* reality (i.e., preordain outcomes) but was unable to uncover any scientific principle that would rationally *explain* how the phenomenon worked. Yet, the more I learned about the mounting problems baffling theoretical physicists and the more I was able to recognize a clear pattern, the more I was able to expose scientific evidence for a tenable, link between the two worlds. This book traces the history of the problems within and trends of Occidental Physics and offers explanations for them. In doing so it establishes four positions.

The first is that there are two co-dependent realms of existence: the *physical* and the *metaphysical*. The *physical* realm concerns the *tangible, material, and concrete* aspects of nature perceivable by our senses; whereas the metaphysical harbors the *intangible, spiritual, and abstract* phenomena. The metaphysical serves as the tapestry for the physical and existed before as the *Void*. It includes everything non-definable, non-locatable, and non-measurable by current methods.

The second is that the mainstream laws of Occidental Physics deal exclusively with the physical plane of existence. Western/Occidental Science is solely concerned with entities that can be *quantified*. As such, its compendium of laws can paint an accurate picture of most of the known *objective, material* entities. However, its current laws do not address *subjective, metaphysical* phenomena, including *intangible* emotions such as *love* and *hope*.

The third position supports that Eastern Philosophy (aka Eastern Mysticism) substantiates the metaphysical realm. Eastern Metaphysics views the physical and metaphysical domains as equally real and entirely co-dependent. To support this noetic hypothesis, the book reveals how the two realms interact and how these substantively different and behaviorally distinct entities comprise the complementary Eastern concept of *yin* and *yang*.

The fourth reveals and explains important similarities between Occidental thought and the brain's left cerebrum hemisphere vis-à-vis Eastern thought and the right cerebrum hemisphere. While researching the diametrical views of Western and Eastern disciplines regarding the realm of the metaphysical, I traced the

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origin of this schism and uncovered a number of surprising parallels between brain functions and their distinct orientations toward either the Eastern or Occidental perspectives of reality. This book explains how the comprehension of Western and Eastern constructs is primarily processed within separate cerebral hemispheres and how each hemisphere evolved to best interpret these respective worlds. This fourth hypothesis explains why Western Science and Eastern Philosophy developed into their current forms, why we have two different physics paradigms, Classical and Non-Classical, and, most important, how we can utilize this knowledge to ordain our reality.

The book employs these four propositions to construct a new view of nature which augments portions of the current state of Occidental Physics generally known as *The Standard Model*. As its principal cornerstone, the new interpretation recognizes the existence of the metaphysical realm to help explain many of the enigmas facing contemporary theoretical physicists while rationalizing the occurrence of paranormal events, particularly that of *ordaining reality*.

To support these propositions and to help compose a new perspective, the book traces the discovery of the newer theories within Western Physics that have helped to unseal the lid to valid scientific acceptance for paranormal activities. It will also explain how and why Eastern Mysticism views and rationalizes metaphysical phenomena, and, unlike the Occidental perspective, eschews making a hard distinction between *the third-person physical* and *the first-person metaphysical* realms of existence. Finally, the book will explain why we have opposite views of nature within our laws while it reconciles these contrasting perspectives. The reward for this knowledge will be a clearer understanding of nature and a significantly greater ability to positively influence events in your life.

The Book's Objective

The book's overall *raison d'être* is to empower its readers with the ability to create, or at the very least, strongly influence your own future in a positive manner. The ensuing chapters will strive to make a trenchant argument as to why you must have total faith in your desired outcome and why this certitude requires an understanding of how the future-creating phenomenon mechanistically works within the laws of nature. This is what I earlier meant about the two objectives being complementary. To impart a sufficient level of understanding to achieve these goals, the book will establish the following four principles to sustain the four positions identified above.

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The first principle: *the laws of Western Physics are incomplete.* In support of this position, I will, in the simplest terms possible, introduce the laws of physics as they are known today and indicate where and why they are incomplete. This discussion will support how an understanding of Eastern Metaphysics can appreciably clarify and supplement what I deem as the missing elements of today's paradigm. As part of this elucidation, the book provides supporting information to girder the first proposition that there are two complementary realms of existence--the *physical* and the *metaphysical*.

The second principle: *the future is neither preordained nor totally random.* I will explain that the future is a veritable *tabula rasa* that is waiting to be inscribed upon by our thoughts which manifest our many potential futures and guide us down the myriad paths we choose, consciously or unconsciously. This explanation will establish the notion that *time* is not real; it is a man-made illusion.

The third principle: *you already possess an inherent ability to bring about your own future.* The book will explain that creating the future an inherent ability; it is an integral part of your brain anatomy and a major component of your built-in survival mechanism.

The fourth principle: *once you appreciate the existence of the metaphysical realm and understand how you can interact with it, you will enhance your potential for creating (preordaining) your own reality.* I will explain that, armed with the knowledge of the new model presented in this book, you will be empowered to positively affect the outcome of your own future events.

To help prepare for this important step, please read the **Foreword**, which follows.

FOREWORD

Organization and Acknowledgements

The *Mission Declaration* provides a general overview and introduces the book's two interrelated goals: imparting a new understanding of nature that illustrates the link between thoughts and future outcomes and explaining how to utilize this information to ordain your own reality. To accomplish the first objective, I must first expose you (at an intelligible level) to the three models of Occidental Physics (*Newtonian Mechanics*, *Relativity*, and *Quantum Physics*) and the perspective of Eastern thought that I term as *Eastern Metaphysics*.

This book will journey into these fascinating and surprisingly similar worlds. However, you will be able to pack lightly for this informational excursion as you will not be subjected to the rigors of higher mathematics or the tedium of complex diagrams that typically accompany a general comprehension of Occidental Physics. I will also present a précis of the inscrutable teachings of Eastern Mysticism while citing some of the increasingly common intersections of these two ostensibly disparate views of nature.

After outlining and contrasting the current states of Western Physics and Eastern Metaphysics, the book will introduce a new interpretation of nature that reconciles some of the mysteries that haunt the world of theoretical physics and support the book's principal aim of unlocking the secrets of how thoughts beget actions.

I recognize that gaining even a veneer comprehension of the complex subject of Western Physics or the enigmatic subtleties of Eastern Metaphysics are not trivial undertakings. Therefore, I will simplify the material to the extent possible. Although the forthcoming information stands on its own merit, this book is not principally about imparting a comprehension of these expansive subjects. Rather, its aim and purpose is to empower you with a requisite background within these diverse areas of study to both empower you to view and understand our universe and the forces within it from a different perspective and to employ this knowledge for your own gain. As the book's final chapter explains, your new appreciation of the laws of nature will serve as your first element of *enlightenment*.

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To use a particularly suitable German term, this information will form your new *Weltanschauung* (i.e., your encompassing *worldview* and your *perspective of reality*). Following that attainment, I will provide instructions for the second and final objective of enlightenment, which will provide a bridge to the *Eastern* portion of your brain to help empower you to influence your own future.

The *Mission Declaration* introduced the notion that you are already ordaining your own reality, consciously or unconsciously; so, it is pre-ordained. However, armed with a more accurate understanding of the forces of nature, your ability to manifest your future will be demonstrably amplified because an unwavering feeling of certitude and a clear understanding of how this phenomenon operates within the laws of nature will dramatically increase your ability to alter future events.

Although some sections may be challenging to the uninitiated, trust that it will be a highly rewarding assignment because every reader who completes this book will be empowered to change his/her life. In the spirit of an ancient Chinese saying, “even the longest journey begins with but a single step,” With is in mind, I will initiate your voyage of understanding by helping you take your first stride: gaining an understanding and appreciation of Occidental Physics.

To acquaint the reader with this subject, I will convey both a functional and historical perspective of physics and successively build upon your ever-growing base of understanding by *adding* succeeding strata of information at progressively deeper levels. This layered approach will also serve to reveal some of the structural weaknesses within the current framework of Western Physics as well as to help underscore where, in my opinion, the wrong use of some ingredients has resulted in today’s faulty scientific recipes.

As it will become understandable, the book takes a converse approach to explaining Eastern Metaphysics. Rather than *building* an understanding, it systematically *dismantles* layer-by-layer the commonly misconceived notions of this philosophy to reveal its true meaning and its subtle, yet powerful essence. The Eastern perspectives covered include elements of *Zen*, *Taoism*, *Hinduism*, *Sufism*, *Sikh*, *Zoroastrian* and *Vedic*. I culled this set by selecting heavily from the teachings and interpretations of Zen as it conveys the richest insights into and the deepest understanding of the world of Metaphysics and forms a robust link between Occidental Science’s current view of nature with that of my new interpretation.

FOREWORD

Admittedly it is an ambitious undertaking, about which I have been asked many times by physicists, interviewers, callers on my radio shows, and bloggers how I arrived at my conclusions, why others have not, and why they should accept them. These are excellent questions to which my reply is somewhat serendipitous. To start with, I have spent nearly 40 years researching the Eastern Mysticism. To understand it from a Western mindset perspective, I had to progress through a transition before I could intuit its subtle teachings. I had to discover how to *unlearn* before I could learn, and I had to intuit how to *not know* before I could know. I had to uncover the key to *unlock* the rational, Western-biased mechanism that guards the vault of true, inner learning. Although it took decades of investigation and meditation to gain Eastern insight, I preserved my Western mindset. Maintaining both sides of the equation, so to speak, permits me to dramatically shortcut the time needed to convey this knowledge.

In addition to imparting an abridged explanation of metaphysics to Westerners, my background in physics also helps me to explain this complex discipline to the uninitiated. In addition to attaining a post-graduate degree in academia, I built upon my studies of physics by investigating and contemplating theory upon theory with a broad and open mind and engaged in numerous unstructured discussions with highly qualified physicists and specialists in related disciplines. My formal education in physics and metaphysics, along with my concurrent study of numerous disciplines, guided me toward viable alternative views of nature and novel interpretations. Most important, because I delved into Occidental Physics in a top-down manner, I was positioned to view *en-masse* all of the discoveries which led to the overthrow of its major older theories, i.e., Newtonian and Relativity.

As well as having an unstructured and unbiased approach toward gaining an understanding of the highly ordered discipline of Occidental Physics, I have had an opportunity to view it from numerous vantage points. As my diverse research introduced me to each new concept within the expansive subject of physics, I eschewed accepting a theory on faith.

Rather, I contrasted each premise vis-à-vis the varying viewpoints of the numerous disciplines I investigated to determine if the proposed concept could stand up within the rules of those fields of study. When it did, I accepted a principle on provisional terms. When it did not, I tentatively rejected it. I employed this multi-discipline-testing

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methodology recursively until I developed a paradigm of understanding that flowed within each area of study I had researched. This method, although laborious, has given me considerable confidence in my proposals.

The disciplines into which I immersed during the past 40 years of preparation for this book included many of the natural sciences, such as classical and non-classical physics, genetics, molecular biology, brain anatomy, neuroscience, chemistry, applied mathematics, and astrophysics. Complementing scientific research, I invested years of study within many social sciences such as anthropology, psychology, religion, history, and philosophy. To balance my western science and humanities education I pursued graduate, and doctoral studies within the spectra of A.I., Eastern thought, and Philosophy. These focus subject areas ranged from the traditional Eastern areas mentioned above to Aboriginal cultures, to certain Native American cultures, such as the Hopis, Navajos, Cree, and Iroquois, and finally to the wide-spanning spectrum within the paranormal ranging from the occult to the spiritual. During the decades of studies across what appear as seemingly disparate topics I have found strikingly remarkable similarities.

This discovery enforced my belief that an accepted theory within *any* of the above areas of study should not directly contravene the findings and positions of strongly held convictions within other disciplines. Most are in concert; however, a few are in complete contravention. Consequently, it has been (and continues to be) a laborious approach toward gaining a greater understanding. However, I hold that my interdisciplinary, cross-referenced approach is an invaluable aid in helping to make my findings and conclusions robust.

My perspective influenced my research. After graduate studies in software engineering with an elective in artificial intelligence (“*A.I.*”), I continued my A.I. research academically while further immersing into Western Physics and Eastern Metaphysics. In contrast to the optimistic predictions of many A.I. leaders that computers would soon be able to mimic all functions of the human brain, my investigations made me increasingly skeptical of that prophesy. This disagreement led me to pursue a formal education in Eastern Metaphysics to complement Western Physics. My studies within all three areas unveiled several patterns which I confidently believe to be an original thesis.

The first trend I recognized revealed parallels between the brain functions A.I. engineers were and were not able to emulate via software and hardware versus the certain functional areas of the brain. As I will later cover, these similarities and differences closely mirror the

FOREWORD

behavioral characteristics of the left and right hemispheres of the cerebrum. In general terms, the left hemisphere operates in the fashion of a well-programmed computer; whereas the right hemisphere and many of the *older* portions of the brain and limbic system have little in common with computers, regardless of their processing speeds and/or instruction sets. The second corollary revealed similar linkages between Occidental Science and left-brained thinking in comparison to Eastern Metaphysics and right-brained functions. Perhaps most germane to the book's mission, the third parallel I discovered reflects how the [inherent data processing differences of] left and right brain hemispheres respectively map to the interpretations of the *physical* and *spiritual* worlds which Occidental Science cannot explain in a single theory. I interweave these hypotheses into the structure of the four books in this series as they will help unlock the keys to reconciling the differences between Occidental Physics and Eastern Metaphysics while bridging the gaping schism between the physical/classical vis-à-vis the metaphysical/non-classical worlds.

Finally, my formal education and subsequent research within the discipline of Metaphysical Science permits me to express many complex phenomena of Western Science sans abstract mathematics. I maintain that you do not need to understand the mathematical intricacies of Classical Newtonian Mechanics to understand the basic concepts that they represent. As well, although important to quantum physicists, you do not need to immerse into such mathematical complexities as *Hermitian operators*, *Hilbert spaces*, *Transformation Theory*, etc. to generally grasp the fundamental principles of Quantum Physics. Using tools of Eastern Metaphysics, I found that one can introduce and explain relevant concepts of Occidental Physics via simple Eastern analogies.

My eclectic approach toward gaining an understanding of what I present in this book has exposed me to new insights and inculcated the invaluable lesson that there cannot logically exist a monopoly of understanding within a single discipline. Rather, as I have found, each field of study provides a unique vantage point of the subject material at hand, and complementarily leads to a more complete comprehension of the whole, just as each tiny tile of a mosaic adds to the puzzle's completion, but requires a wider perspective to interpret the meaning of its message. To achieve that aim I will liberally employ many sciences and non-sciences as functional methodologies to convey a greater clarity of understanding as my broad investigation has revealed

to me the simple but powerful Eastern notion that the whole is far, far greater than the sum of its parts. The following presents the book's composition.

Format and Presentation

In addition to making a sincere effort to convey the book's information in a clear and comprehensible manner, I have taken care that none of its subject matter requires antecedent knowledge that has not already been provided by that juncture. To assist the reader, I make frequent forward and backward references throughout. I have also layered the material for varying audiences. To satisfy readers with deeper backgrounds in physics, I make liberal use of sections of italicized text to parenthetically present underlying detail and substantiation of concepts as well as an *Endnotes Section* to further amplify and/or clarify technical points made within each chapter. Readers with less scientific background can elect to skip all italicized sections without any loss of continuity of the material. Readers with even less interest in details can read my abridged books on this subject matter or read only Chapters One, Two, Seven, Eight and Thirteen and simply reference the Glossary of Terms that covers both the technical subjects introduced in the book and the many terms that are used to explain those topics. However, this level of abridgement is not encouraged as it is my hope that most readers will wade through all four sections before reading Chapter Thirteen. Whatever path you take to arrive at the book's conclusion, I trust that it will bring about a truly life-changing experience.

As I unveil my simplified presentations of the existing models of physics, I will expose the flaws of each and set the stage for introducing a new perspective. In this exercise I will make the case that if all the discoveries of the past 150 years were uncovered at once, some theories would be markedly different as, I contend, many of the findings compromised the direction in which physics turned in order to solve earlier experimental results. I will conclude this topic by introducing a new interpretation of nature that follows a noetic path to reconcile those issues while permitting the realm of the metaphysical. As every new theory must be proven, I will develop what I regard as eleven specific proofs and some verifiable predictions to support my model. Following the explanation of the new model of physics, I will accomplish the book's second principal goal by bringing you through a step-by-step process which teaches you to create your own future.

FOREWORD

Every man has a right to be wrong in his opinions, but no man has a right to be wrong about his facts. - BERNARD BARUCH

Acknowledgements

In writing this book, I strove to adhere to Mr. Baruch's sagacious advice by ensuring that the facts and theories herein presented as background material are in large part fully accepted by mainstream physicists. Employing these underlying facts, I will propound a number of what I consider to be viable hypotheses and postulates. Some propositions may be controversial; however, unless otherwise noted, it is my intention that the concepts and ideas presented within its *foundational* sections are accepted as mainstream science.

Although the majority of the hypotheses that I propound in Section IV of the book are, to the best of my knowledge, original, I did not develop the *underlying* material that formed their basis. That body of knowledge was created by the giants of Occidental Science and Eastern Mysticism. To paraphrase Sir Isaac Newton, I am merely attempting to ride upon their lofty, broad shoulders in the hope that I can see beyond their horizons.

In reference to giants, throughout the chapters I acknowledge the book's numerous contributors within the book's extensive *Bibliography*. These luminaries range from ancient Eastern mystics and early Greek thinkers to Renaissance scientists and the very latest ground breakers within the current physics community. Their great minds provide the principal source for the facts and many of the ideas I present throughout the book and they serve as my inspiration for sharing their teachings. I am forever in their debt. In deference to their achievements, I will present their positions in my own manner to simplify them and/or to illustrate their particular value to the book's mission. I will then formulate and present my own conclusions based upon my interpretation of their data and theories.

With due respect and proper homage to the great scientists and philosophers whose wisdom and teachings have significantly contributed to the book's material, I must emphatically acknowledge that my greatest debt is to my readers. My incentive for writing this book is to share my good fortune of having been exposed to the information you are about to gain and explain how this knowledge can be harnessed in a positive way to influence and shape your own future to help you to achieve your life goals, improve your personal health, and make the world a better place. I would fall far short of my objective, without

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readers who can gain from this knowledge and experience their own positive results.

As a final note, I, too, am a student of what I teach, and I, too, am on an endless journey of understanding. Therefore, I constantly seek new information on this expansive and ever-changing landscape to improve my comprehension of the topics I discuss. Each new scientific discovery of significance, such as the alleged discovery of the Higgs Boson and the recent discovery of gravity waves from the Big Bang's initial expansion brought with each an immediate review of the proposals I have I offered to ensure that they are consistent with the new evidence. I am pleased to say that these new discoveries are not only consistent with the hypotheses in this book, they directly support them. However, beyond the research on the science front, I appreciate that the freshest feedback is that which is provided by my readers; therefore, I invite and encourage you to blog your thoughts, criticisms and suggestions with me at: <http://www.OrdainingReality.com>.

SECTION I

INTRODUCTION TO WESTERN PHYSICS, EASTERN MYSTICISM AND THE WORLD OF THE PARANORMAL

ONE

West Meets East

Welcome to the first chapter of what I sincerely hope will be a life-changing book for you. In the *Mission Declaration* and *Foreword*, I reflected upon the general topics of Western Physics and Eastern Metaphysics and presented an overview of the subject matter of the book. As those introductory sections provide a précis and roadmap of the book, I recommend reading them before delving into the material of this chapter; however, although relevant, that material is not essential.

In those opening segments, I purported that mainstream science has an incomplete view of nature, particularly its lack of recognizing the *metaphysical* realm of existence. This book supports that assertion by citing experiments and prevailing theories in Western Physics which, in my mind, make a convincing case for an existence of the metaphysical. It also establishes that recent scientific research in areas such as String Theory and M-Theory further sustain the potential existence of this realm. After developing the premise that the metaphysical is an integral aspect of nature, I will explain how it supports the occurrence of paranormal events without violating the true laws of nature. As well, and in support of this position, I will present evidence to show that this expanded perspective offers viable solutions to many of the intractable problems facing mainstream physicists today.

A fundamental comprehension of Western Physics and Eastern Metaphysics plays an important role in the book's mission because it will significantly enhance your ability to manifest your own future reality. Primary knowledge of these subjects is an antecedent to success for two reasons. First, an understanding of how non-physical, abstract entities (such as thoughts and desires) can bring about the physical manifestation of a future event will substantively enhance your ability to hone your future-creating skills; second, a feeling of certainty about the power to influence a future event is a *mandatory prerequisite* to making it occur. Given that few people have blind faith, I purport that a