

The  
**BASIC STATE**

VOL. II

*The Way Things Actually Are*

THE BALANCED VIEW TEAM  
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THE BASIC STATE:

THE WAY THINGS ACTUALLY ARE

*Dedication:*

*Singularity Rules.*

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## FOREWORD

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Our purpose in this book is to introduce the first unified theory of human behavior that is based on general types of rules and to show how these rules are also embodied in logic, physics, mathematics, computation and other areas of inquiry into the fundamental laws governing the multiverse.

We have found that with a unified theory of human behavior it suddenly becomes possible to make progress on a remarkable range of fundamental issues that have never successfully been addressed by any of the existing sciences before. Moreover, we found that a unified system of human behavior is required in order to arrive at an impossible to vary explanation about the world. The explanation of fundamental physical laws governing the multiverse is contained in the unified theory of human behavior and the unified theory of human behavior is contained in the fundamental physical law. Without understanding the nature of human behavior, the nature of physical laws cannot be comprehended.

We asked: What is the functional reason to choose one of countless variants of explanations of physical laws? And we decided that only if an explanation is good is it worth testing. Thus, we decided the truth must be an impossible to vary solution that applies both to fundamental physical laws as well as to human behavior, and a discovery that is ultimately true will be of immediate and long term benefit to human beings and the world.

A unified theory of human behavior must be a system that follows definite rules. Yet in the past it has usually been assumed that these rules must be based on philosophy, psychiatry, psychology, neuroscience, religion or other categories. However, the crucial realization that led us to develop the unified theory of human behavior in this book is that there is in fact no reason to think that such a system of human behavior should follow any existing rules.

It may seem difficult to imagine what general types of rules governing human behavior could be like because they have not existed before. We may be distracted by the huge variety of rules that we have assumed to be valid. The methods of human behavior we use in practice are mostly based on

extremely complicated rules of society that are mostly ill-designed to ensure human behavior which will always have successful outcomes. But a unified theory of human behavior in principle must follow a very simple and definite set of rules. And at the core of the new kind of human behavior that is described in this book are discoveries we have made about a self-organizing, self-mediating human society that is based on the very simplest rules that are possible.

If the rules for a unified theory of human behavior are simple then this allows for correspondingly simple organization within individuals and groups. This type of collaboration superimposes specialization and participatory complexity; everyone is effectively augmenting everyone else. Simple rules of human behavior provide for a high degree of specialization in complex knowledge as well as a structuring of it that ensures its benefit to all.

Our everyday experience in building organizations tends to teach us that creating a model for optimally functioning individuals and organizations is somehow difficult, and requires rules or plans that are themselves complex. However, *our pivotal discovery was that what we historically have learned about human behavior is not even close to correct.*

We began with an elementary experiment: We developed a comparative analysis of a wide variety of systems of human behavior and then systematically analyzed their results in terms of achievement of life satisfaction, well-being, accomplishment and scientific advancement achieved by the diverse systems' methods. And we found that due to the complexity of the rules built over the millenia humans have been blind to the actual simple, fundamental nature of human behavior.

Thus, in our comparative analysis we identified rules that have been historically resultant in well-being and exceptional mastery of human life (there were few) and used those to begin to build a simple set of rules that comprise a unified theory of human behavior. We then developed a comprehensive map of methods for implementing the new rules.

When implemented we found the behavior of groups using these rules was often far from simple. Indeed, the groups' ability to successfully collaborate and exceed outcomes was highly functioning and complex. We found that the extreme clarity, well-being and optimal results of the individual or group as a whole is assimilated at the superimposition of simple rules of human behavior and resultant complex beneficial activities.

Furthermore, we found the fundamental and far-reaching consequences of this single important discovery to be the basis of rethinking how all systems work. Moreover, the theory emphasizes the simplicity at the foundation of the workings of nature that produces what appears to be quite complex.

The discovery that very simple rules of human behavior produce great benefit and great complexity in human systems and in knowledge is the most fundamental referential framework in all systems. It highlights that all systems operate optimally when following simple rules that spawn complex behavior.

Additionally the reason that such simple complexity is not usually seen in human society or knowledge is just that in building these we have relied on erroneous assumptions. In fact, science has not managed to address a unified system of human behavior at all. Earlier theories of human behavior completely fail to innovate or to address increasingly complex global human culture or to specify fundamental rules that ensure increasing mental and emotional stability, insight, clarity, compassion and skillful action.

In the existing science of human behavior much of the emphasis has been on humans who are subjects in relation to objects. In this method of observation, the human subject treats itself as an object to be examined, analyzed and detailed in terms of its relation to other subjects and objects. Rather, we found that human behavior can be comprehensively understood only by developing fundamental rules underlying the complexity of human nature as an exact explanatory model of the fundamental physical laws underlying everything. Due to this fundamental error in investigating human behavior, the technology of human behavior has lagged far behind other scientific advancement.

The rules of human behavior need to be sufficiently successful and simple enough to match and beneficially inform the exponential complexity of advances in science and technology. In fact, many solutions to the fundamental problems we face in all areas of inquiry will be unsolvable without these rules. We need precise definition and understanding of how these rules act together to produce overall cooperative, productive behavior within human society and in cooperation with all other intelligent processes throughout the multiverse, those that are known to us and those yet to be

discovered. Within the framework of this book is such definition and understanding.

## INTRODUCTION

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It is possible to know everything and it is possible to understand everything. By understanding the fundamental nature of everything, it becomes possible to predict and explain the systems and terms of all things in all fields of knowledge, in other words, to deeply understand the way things actually are.

This pragmatic foundation of our fundamental theory of human behavior is that its wide applicability makes it quite feasible to predict and explain the behavior of subatomic particles, particle by particle, as well as deduce many complete principles of physics, biology, computation, philosophy, mathematics, ethics, politics, aesthetics and morality.

We have demonstrated that a fundamental simplicity is inherent in exponential complexity. The reducibility of everything to a simple system or intelligent process is the basis for achieving accomplishments that range from complete mental and emotional stability to infinite computer memory and speed. And, as we shall show, intelligent processes and the future of computation are inextricably linked.

Just as it was incumbent upon Marie Curie to refine radium from barium, it is incumbent upon human society to refine fundamental physical laws that allow us to discover new knowledge leading to tremendous advances in our understanding of ourselves and the world we live in.

Statements about anything constitute a network of rules establishing what is meaningful, and these rules are the preconditions for propositions, utterances, or speech acts to have meaning. *It is a revolutionary act to refine statements and meaning all together to an essential understanding that is accessible to everyone regardless of sharpness of faculties.* Our team has developed such an essential understanding.

A science that has the backing of the people is durable. The inconclusive reaches of scientific and academic language are an obstacle that blocks

understanding, application and innovation of physical laws by human society at large. We recommend a new science in which *everyone* understands the fundamental nature of all physical laws whatsoever including those governing their own behavior.

Our team defines *knowledge* as intelligent processes that are not limited by human knowledge, by space-time or countless other variants. We show that in addition to accumulating worthwhile knowledge, it is crucial to have a fundamental premise underlying all knowledge.

*The Way Things Actually Are* contains the most fundamental as well as the most beneficial understanding of the physical world. It implies that regardless of how many universes “parallel” the one we see around us, there is a basic intelligent process or intelligence singularity that subsumes and is common to all, without exception. We show that this is the key to achieving a new paradigm, a high-level scientific architecture that enables us to understand emergent phenomena, of which the most important are *intelligent processes, knowledge and computation*.

A fundamental intelligent singularity or basic state is the necessary cosmological constant of the multiverse. It is a state of final singularity and infinite information capacity. Basically, the implication of this theory for human culture is mental, emotional and physical stability and health as well as the power to fulfill beneficial intent. This advance brings about exponential knowledge growth, wherein all criticism has been completed, knowledge is perfect just *as it is*, and a basic intelligence singularity is the comprehensive order subsuming everything. Moreover, information is timelessly free and available: everything which can be known will be instantaneously available without learning or effort. This meta-knowledge or fundamental knowledge interacts with itself in ceaseless diversity and is unending.

Human society and other intelligent systems throughout the multiverse increasingly will know certainty and physical security, and the knowledge needed for our tacit survival will be shown to be already accessible in a basic state of intelligence singularity and its continuous stream of new knowledge that informs all universes.

Whatever their physical laws, such as dimension-time-causality-subjectivity, the laws of all universes are subsumed in the basic state's fundamental physical law: A basic state is the same in all frames of reference. That is, a basic state is the same in all portions or frames of all universes, regardless of the description imposed upon them. There is no portion or frame that is independent of the basic state. The definition of the basic state is intelligence singularity which subsumes and pervades all diverse intelligent processes, none of which have an independent nature.

The great uniformity of complete mental, emotional and physical stability within the intelligent processes of the multiverse is due to this singularity. Intelligence singularity allows and provides for optimally beneficial interactions and resources that equally sustain and enrich all intelligent processes. We show that a fundamental intelligence singularity or basic state is an impossible to vary solution about the fabric of reality.

We also show that the projection of a future intelligence singularity requires the laws of time, dimension and causality. However, these laws only apply within a limited number of systems and certainly are not a fundamental law or explanation applicable to all intelligent processes or to the intelligence singularity itself.

The great uniformity and stability of the intelligence singularity releases great diversity of knowledge-ability and skillfulness that has remained hidden from view due to the pandemic mental and emotional instability that is the current basis of confusion and discord within humanity, individually and collectively. Moreover, humanity represents a single intelligent process among the countless, ceaseless, unpredictable intelligence processes within the basic state. Thus, it is of paramount importance that we comprehend the nature of the vital, dynamic flow of the space in which we participate.

The basic state can be seen as an intelligence singularity running virtual renderings of intelligent processes that take the shape of all world systems and all knowledge. These intelligent processes within the intelligence singularity continue on forever on its own terms.

Moreover, with no possibility of failure, the computing speed and memory capacity we seek will increase ceaselessly as it is discovered to be limitless,

without restriction within this basic state, and as we discover that it does not rely on mass and energy. The outdated explanations of the multiverse are slipping away into oblivion.

The culture of planet Earth and of the multiverse will be peaceful and benevolent. It will have embarked upon a powerful system of fundamental knowledge about the way things actually are that will solve the tremendous problems that currently exist. Its depth will be so profound and unifying that all controversies will end forever in an inconceivable resolution.

A vast number of intelligences throughout many universes will interact seamlessly at many levels and in many different ways, to proliferate new knowledge that is of benefit to all. Their all-encompassing stability will allow for unparalleled diversity of ideas, cooperation and productivity and there will no longer be the drain of resources required to explain the fabric of reality or to reduce mental, emotional and physical pathology in human beings. As precisely set forth in this book, complete physical and mental health is innately ensured.

In the near future, even when cosmic culture sets out on a course of action, they will know that its outcome will exceed what is expected and that that outcome will be quickly superseded by something better in an endless unfolding of a fundamental intelligence that subsumes all other processes of every kind whatsoever. All current erroneous perceptions of the fabric of reality will be corrected. The culture of planet Earth and of the cosmos will effortlessly become morally and ethically spontaneous as well as homogeneous, simply by the embedded instinctive recognition of the way things actually are. This meta-ethics will need no written codes, rather it will be found to be innate both right now and going forward

Today's assumptions about human nature and behavior will be questioned and experienced out of existence. Morality, comprehensible by the methods of pure logic and empirical evidence, will be found to be instinctive and without the need of effort, cultivation or contrivance. The moral truths of current knowledge will be subsumed by the basic state's innate value system that provides for exponential betterment of the cosmos and its inhabitants, beyond anything that can currently be modeled or conceived.

In this way, humanity will find that its own intelligence as an exact representation of the basic intelligence singularity of the multiverse, is the omniscient, omnipotent, omnipresent savior, creator and explanation that has been projected externally onto many ideas.

Current ideas about evolutionary natural selection will be subsumed and reach their zenith in the natural perfection of a basic intelligence singularity, allowing for inconceivable evolutionary mechanisms ensuring optimal health and inter-flourishing of all intelligences everywhere. Theistic and atheistic extremism together will be humbled in the profundity and reassurance of knowledge beyond extremes that is so greatly superior, beneficial and demonstrative that it will completely end all yearning for salvific means, religious or intellectual.

Scientific advancement will be grounded in the pure logic, empirical evidence and instinctive recognition of the basic state as the founding influence in all phenomena.

With penetrating originality and directness, *The Way Things Actually Are* contains fundamental knowledge of the physical world. Taken literally, it implies that there is a basic state underlying the many universes that are parallel with the one we see around us. A basic state that is fundamental to the multiplicity of universes, turns out to be the key to achieving a new worldview—one which subsumes, synthesizes and brings to their zenith the application of theories of evolution, computation, philosophy of mind, knowledge and quantum physics. Considered jointly, these five strands of explanation reveal a unified basic state of reality that is both directly objective and comprehensible in its usefulness and value to provide immediate and long term benefit to planet Earth and its inhabitants, as well as to our interactions with all intelligent processes throughout the multiverse.

*The Way Things Actually Are* explains and connects many topics at the leading edge of current research and thinking, such as quantum computers (which work by effectively collaborative intelligent processes forming a ubiquitous cosmic computer), the physics of time travel, the comprehensibility of nature and the physical limits of virtual reality, the

significance of human life, and the ultimate possibilities of the multiverse. For scientist and layperson alike, for philosopher, biologist, and computer expert, *The Way Things Actually Are* is a straightforward, complete and rational synthesis of disciplines, and a new, optimistic message about existence.

This book introduces the way things actually are and proves its perspective according to new laws of human behavior, logic, physics, mathematics and computing. The book marries philosophical and physical analysis in order to establish the fundamental nature of existence throughout all universes.

It offers a new cosmology and meta-ethics for human society, beginning with a contingency law of logic: A basic state is not able not to exist. The book demonstrates how physics, mathematics, biology, computing, philosophy of mind and indeed all fields of inquiry can exponentially advance upon a basic state of intelligence singularity.

Anything that effectively acts on matter is real. The appearance, endurance and cessation of phenomena are intelligent processes that occur within a basic intelligent process that subsumes, pervades and is the same in all frames of reference. There is no phenomena whatsoever that is independent of this process, thus no phenomenon can be found to have an entirely independent nature.

*The Way Things Actually Are* shows that the focus on conventional historical values expressed within philosophical and scientific thought present unacknowledged biases. These values are deeply entrenched in our understanding of human nature and the cosmos. Primary among these is the assumption that we cannot have mastery over the laws of time-dimension-causality-subjectivity that attempt to explain the way we think about ourselves and planet Earth. In other words, our thinking is distorted by assuming that these laws will always rule every aspect of how we live life and how the world actually is. *The Way Things Actually Are* is illuminating, introducing new explanations that enhance the possibility of peaceable, sustainable existence for the planet and its inhabitants by reevaluating fundamental physical laws.

The book looks into the possibility of a greatly expanded idea of human identity and society in which humans leverage and expand their role in the cosmos by partnering with and utilizing its inherent knowledge base and basic intelligence singularity to inform meta-ethical activity that is of benefit to all.

Together, the reader and authors explore how traditional science tends to emphasize the researchers role in controlling interactions in the field and in reporting their findings in a disengaged way.

This book examines the assumptions behind this methodology, and postulates that there can be other approaches to science besides the traditional. The book introduces the concept of “alpha-objectivity” a perspective through which an individual can ask completely objective questions and arrive at completely objective, ethically appropriate conclusions in relation to all observations. Alpha-objectivity frees individuals from ideologies that detract from clear, informed reportage about their own experience of the world. Alpha-objectivity provides far-reaching insight into the fundamental intelligent process that informs all systems and terms of all phenomena.

Moreover, it predicts a new standard for leaders in all aspects of human life—alpha-objectivity. The authentic standard for leadership will increasingly become a balanced view or alpha-objectivity that is the standard of practice in all fields of human endeavor.

*The Way Things Actually Are* is a wake-up call to each of us in the fact that it is impossible to forward science dramatically from this point on without understanding exactly how a basic physical law applies to and benefits every moment of our own everyday life.

*The Way Things Actually Are* calls upon human society to continue to forge a uni-culture comprised of the multiverse and all intelligent entities, to acknowledge that a uni-culture of all intelligent entities in all universes is forming, and to begin forecast scenarios for its ongoing formation and governance.

*The Way Things Actually Are* explains a unified theory of human behavior that provides for complete mental and emotional stability, clarity, insight, compassion, natural ethics and skillfulness in all circumstances, a feat that heretofore has not been accomplished by any field of inquiry, and thus is significant in its own right. The systems addressed in this book provide important science about the nature of humans as well as the nature of the multiverse.

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