

# L A W S O F A L L <sup>TM</sup>



System Laws Reveal Hidden Secrets of the Universe  
and Approaching Dark Age of Civilization,  
Part I - Quest for Life, Vol. 1/Foreword

**M i c h a e l H. B i n s**



# The LAWS OF ALL™ Book Series

Everything around us is a system. The universe and our own bodies are systems. Social, political and economic systems govern our civilization. Yet general laws of all systems, which might guide us in managing these systems far less recklessly, are not widely recognized to exist, never mind that there's little or no description of them. The *Laws of All*™ book series works at filling in that knowledge void.

In the course of this research, keys to the universe's "chest" of deeply buried secrets were found and applied. This led to a new *foundational* understanding of general systems, their laws, and their application toward the diverse and oftentimes cryptic systems of not only the "hard" universe, but also the socio-politico-economic "universe," and beyond. Stemming from all this is a new understanding of our physical reality that entails profound implications across the board with the future possibility of great societal advancement.

On the one hand, humanity appears to be at the threshold of an *evolutionary* "springboard" of sorts, able to propel us and our galaxy of knowledge to new and unimaginable heights. But on the other hand, it appears we've latched onto a "devolutionary" death spiral: out of control and circling a dark-age, if not the end of all human existence. By becoming more aware of deep-seated errors and deficiencies ingrained in the human psyche as well as why they exist and how they propagate, society is given fighting tools to help fend off the negative outcome and guide itself to a more desirable destination—perhaps even into a new *enlightened age*.

**BINS ANALYTICS™**

*A new way of thinking.*

*The truth can be known. The world can be understood.*

WWW.BINSANALYTICS.COM



# LAWS OF ALL™

---

System Laws Reveal  
Hidden Secrets of the Universe and  
Approaching Dark Age of Civilization,  
Part I - Quest for Life, Vol. 1/Foreword

---

**Michael H. Bins**

BINS ANALYTICS™

*A new way of thinking.*

*The truth can be known. The world can be understood.*

[WWW.BINSANALYTICS.COM](http://WWW.BINSANALYTICS.COM)

Copyright © 2017 by Michael H. Bins

All rights reserved under  
International and Pan-American Copyright Conventions.  
No portion of this publication may be reproduced or transmitted in any  
format using any means without prior written permission of the  
publisher. Other restrictions may apply. See the publisher's website.

Published by Bins Analytics  
<http://www.binsanalytics.com>  
U.S.A.

Bk:1 Ed:1 Rev:1 Vn:0 Ft:1 Pr:1

**Front Cover Image:** “Red Shift, Blue Shift,” by Michael H. Bins.  
Adapted from a Hubble Space Telescope image of the  
Whirlpool Galaxy, M51a (NGC 5194), courtesy of NASA, ESA,  
S. Beckwith (STScI), and the Hubble Heritage Team (STScI/AURA).

*...to all life on Earth...that it may persist...*



In gratitude to the *Quintessence* for teaching: When faced with constant hurdles, persistently envision what lays beyond the “event horizon”...

In gratitude to the *Quintessence* for making this book possible...

In gratitude to the *Quintessence* for...

# FOREWORD

---

This Foreword is reserved for anything not related to the book's subject matter, such as mechanical and implementational aspects, which follow. Due to the overall length of this book, it was broken into multiple volumes of a reasonable size to assimilate at once. The term *book* as used throughout refers to the entire set of volumes with the same unique subtitle, not to a volume. And a *volume* refers to an individual binding or electronic file that has a single table of contents and that includes all of the page numbers and sections associated with that table of contents. This should not be confused with a group of bindings or files, such as a Part, which may include more than one volume. And it should not be confused with a subset of a volume, or *sub-volume*, which may be in a separate binding or file, but which lacks all of the material in the larger volume's table of contents.

The book is organized into four Parts, each one comprised of multiple volumes. And each volume consists of one or more chapters. Where needed, these chapters are broken into sections, which may be further broken into sub-

---

sections. To reduce ambiguity, in the text these sections and subsections are always referred to using the more specific terms, *subchapter* and *subsubchapter*, respectively.

This book is meant to be read in both volume-sequential and page-sequential order, beginning with the first page of Part I, Volume 1. However, some readers may wish to take advantage of the purposeful exceptions to this discussed at the outset of Part II.<sup>[F1]</sup> And still others may choose to read the volumes in some other order that best suits their interests and curiosity. For those up to the challenge, this is not discouraged. And a couple of other features are included that should assist those who prefer to plot their own course: First, terms unique to the book that are used again in a later volume of it will, generally, also be defined or briefly described in the later volume(s). This will typically be directly in the text at or near the first occurrence in the later volume(s), or in endnotes, footnotes or sidebar sections. Secondly, cross-references are used liberally to point the reader to more details related to a given topic that may be located elsewhere in the book, including in a different volume. The cross-references are further described later in the Foreword.

*LAWS OF ALL*<sup>TM</sup> is a book series title. This means other books may be published under this same title but with a different subtitle. Because of this, citations of works in the *LAWS OF ALL*<sup>TM</sup> series must include both the series title and the subtitle to avoid ambiguity with other subtitles in the series. The Part number and Volume number must also be specified to avoid ambiguity with a different volume under the same subtitle. Where space is at a premium, the

---

words in the subtitle may be abbreviated after dropping articles. One acceptable example would be, *Sys. Laws Rev. Hid. Sec. Univ. Appr. Dk. Age Civ.* Truncating the subtitle is not recommended since it could lead to ambiguity with later subtitles that begin with the same words. Another less-preferred alternative is to cite the book number, which can be found on the copyright page immediately after the “Bk:” abbreviation. Although this book number will correspond to a unique subtitle, it is not part of the official book title. This could create confusion for readers, and some publishers may disallow this approach.

It is normally understood that if no edition number is cited, the first edition is implied. For later editions of a work though, the edition number, which is listed on the copyright page immediately after the “Ed:” abbreviation, must be listed in the citation. Note that the edition number does not apply to the entire book as a whole but separately to individual volumes of it. For more-specific page references within a given volume or subvolume, it is also recommended to cite the work’s revision number located on the copyright page after the “Rev:” abbreviation. Relevant section/item numbers as well as abbreviations of their titles might also be included for added clarity to better direct those who may have a different revision of the cited work in hand.

The book’s citations for each chapter are located in the endnotes at the back of the volume in which the chapter appears. The citations of Internet sources there that have longer web-pages generally list page numbers. Since web

---

pages are reflowable text, which don't typically have numbered pages, these page numbers are not always taken directly from the source. In these cases, they are thought to represent an approximation for what may be a typical page size. The same may apply to some cited ebooks as well.

The Foreword and Preface in Part I, Volume 1, are written to cover all volumes in the book. But the Foreword in select volumes may include additional notes as needed that pertain to those specific volumes. While the Foreword is reserved for implementational aspects as discussed, the Preface begins to cover the need and purpose of the book along with some broader related background. After that, the Introduction provides an overview of the book's subject matter including more specifics of the material covered through Part IV.

Newly dubbed names, such as for laws and principles, use capitalization throughout the book. Except for any appearing within quotes, laws already named adhere to the contemporary style: lower case but with a person's name remaining capitalized. Since a variety of already named laws and principles are referred to alongside others that are newly named, it is believed this added distinction is necessary to improve readability. In no way though is this meant to imply the superiority of one law or principle over another. It is only for differentiating new material from that which is already known. For readers less familiar with the existing concepts, the context may not always provide sufficient conveyance otherwise. Besides these cases, there are also a number of new "coins" in the book, but these are

---

generally left lower case. Typically, such terminology is identified as *new* explicitly in context, generally at the first occurrence.

Across the entire book are many cross-references to related material elsewhere in the book, including in other volumes. In some cases, these refer back to a prerequisite topic already covered. In other cases, the material cross-referenced may be of interest to the reader, but it is not needed to understand the current topic being presented—unless otherwise stated. A unique superscript beginning with a nonnumeric is included after many of these cross-references so that more details, such as where to find the related material, might be made available when and where appropriate, e.g., on the Internet. These superscripts may often occur just after a Part number cross-reference, but they can occur elsewhere as well. Conventional superscripts beginning with a numeric are also used; these are reserved for endnotes. It should be noted that no guarantee can be made that specific material being cross-referenced will make it into the latest revision, or into *any* revision. It is suspected though that deletions of such will be rare.

---

## Author Brief

Michael Bins received the Master of Engineering degree in Electrical Engineering (MEEE) from Rensselaer Polytechnic Institute in 1988 and the Bachelor of Science degree in

---

Electrical Engineering (BSEE) from Rutgers College of Engineering in 1983. He is a member of the IEEE (Institute of Electrical and Electronics Engineers) and has worked as an engineering consultant and researcher since the 1980s. For more background, see Part I, Chapter 2.<sup>[F2]</sup>