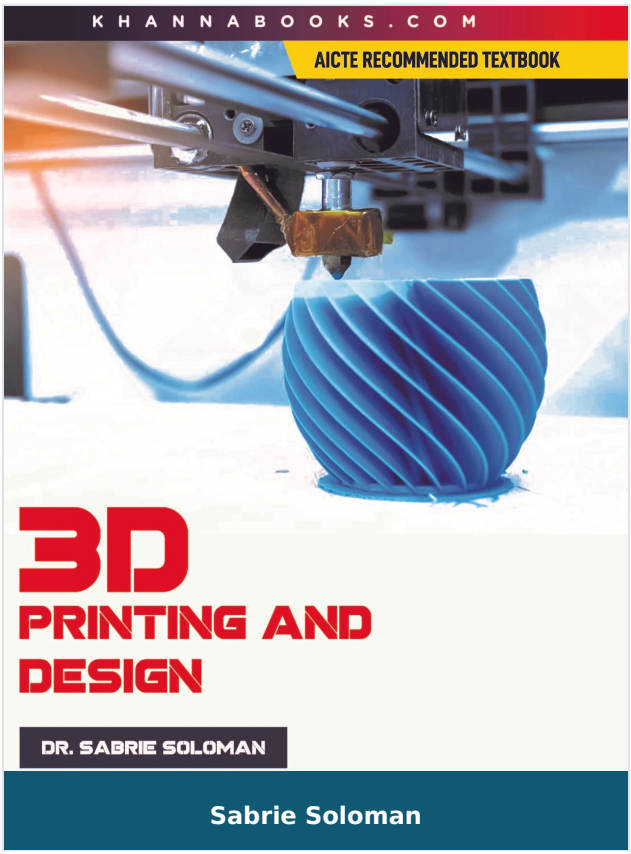

3D Printing and Design

Author :	Sabrie Soloman
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Product Description

The book provides a detailed guide and optimum implementations to each of the stated 3D printing technology, the basic understanding of its operation, and the similarity as well as the dissimilarity functions of each printer.

School Students, University undergraduates, and post-graduate students will find the book of immense value to equip them not only with the fundamentals in design and implementation but also will encourage them to acquire a system and practice creating their own innovative samples. Furthermore, professionals and educators will be well prepared to use the knowledge and the expertise to practice and advance the technology for the ultimate good of their respective organizations.

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- Fundamentals of Additive Manufacturing
- Design for 3D Printing
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- Accelerate Design Cycles Design Verification Lowering
- Evolving 3D Printing
- 3D Printing & Design in Healthcare, Food,
- Additive Manufacturing
- The Impact of Additive Manufacturing on the Integral Economy
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Author

Sabrie Soloman

Dr. Sabrie Soloman, Ph.D., Sc.D., MBA, PE - He is the Chairman & CEO of American SensoR x, In, USA; Founder of Advanced Manufacturing Post Graduate Studies at Columbia University, USA; Professor of Advanced Technology at Columbia, where he lectures on Sensors & Control Systems in Manufacturing, Affordable Automation, Computer Integrated Manufacturing (CIM), Flexible Manufacturing System (FMS), Design for Manufacturability, Introduction to Electromechanical Engineering, Modern Welding Technology, and 3D Printing/Bioprinting Technology. Dr. Soloman authored numbers of technical books published and translated worldwide: Sensors Handbook (2nd edition), Sensors and Control Systems in Manufacturing (2nd edition), Affordable Automation,

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Introduction to Electromechanical Engineering, Modern Welding Technology, to name a few. Dr. Soloman holds numerous Patents, Technical Awards, and several US Product Registrations. He is a Fellow of the Society of Manufacturing Engineers. USA. The Royal Society of Manufacturing Engineers (England), and L'Ores Des Ingenieurs Du Quebec (Canada), He received several awards from the American Society of Mechanical Engineers (ASME), the Society of Manufacturing Engineers (SME), and the American Management Association (AMA). Dr. Soloman is considered an international authority on advanced manufacturing technology, robotics, biomedical engineering, pharmaceuticals, and automation in the microelectronic, automotive, beef, pork, poultry industries. He has been and continues to be instrumental in developing and implementing several industrial and modernization programs through the United Nation to European, Asian, and African countries. He is the first to introduce and implement unmanned flexible synchronous/asynchronous manufacturing systems the microelectronic and meat industries, and the first to incorporate advanced vision technology in a wide array of robot/micro-robot manipulators. Dr. Soloman was selected to deliver the US Presidential closing address, "Innovative Remote Sensors Technologies," at the Universal Design Conference, New York, USA

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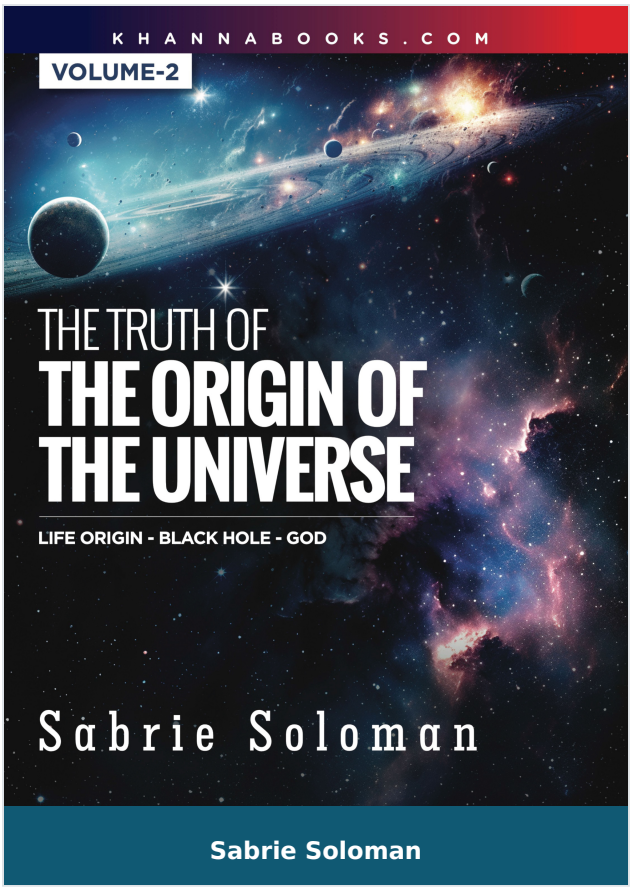

The Truth of The Origin of The Universe (Life Origin - Black Hole- God) Volume-2

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Product Description

The Origin of Life: God? - Black Hole? Or Evolution? The origins of life, the mysterious nature of black holes, and the idea of a higher power or God have long fascinated humans. The question of ho life originated on Earth has puzzled scientists for centuries. These topics have sparked numerous debates. Discussions, and theories among theologians, and philosophers alike. We attempt to unravel the mysteries of the universe. We will delve in to the creation, the scientific and the philosophical perspectives on the origins of life, the enigmatic nature of black holes, and the fact of the creator. While each of these subjects is distinct in their own right, there are interesting connections that can be draw among them. Black holes, on the other hand, are some of the most enigmatic objects in the universe. These dense regions of space time have such strong gravitational pulls that not even light can escape them. Scientists have long been intrigued by black holes and continue to study them to unlock their secrets. While black holes are thought to form from the collapse of massive stars, there is still much that remains unknown about these mysterious objects. The existence of God is a topic that has been debates for centuries. The questions of whether a higher power, or deity, exists has divided people for millennia. Some argue that the complexity and beauty of the universe point to an intelligent designer, while other believe that the laws of nature are sufficient to explain the workings of the cosmos. The existence of God is a deeply personal and philosophical questions that continues to captivate believers and skeptics alike.

Chapters Covered in This Book:

1. Intelligent Design in Everyday Reasoning.

2. The Blackhole.

3. The Universe is Finely Tuned for Life.

4. Molecular Intelligent Design.

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5. Our Milky way Galaxy.

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Author

Sabrie Soloman

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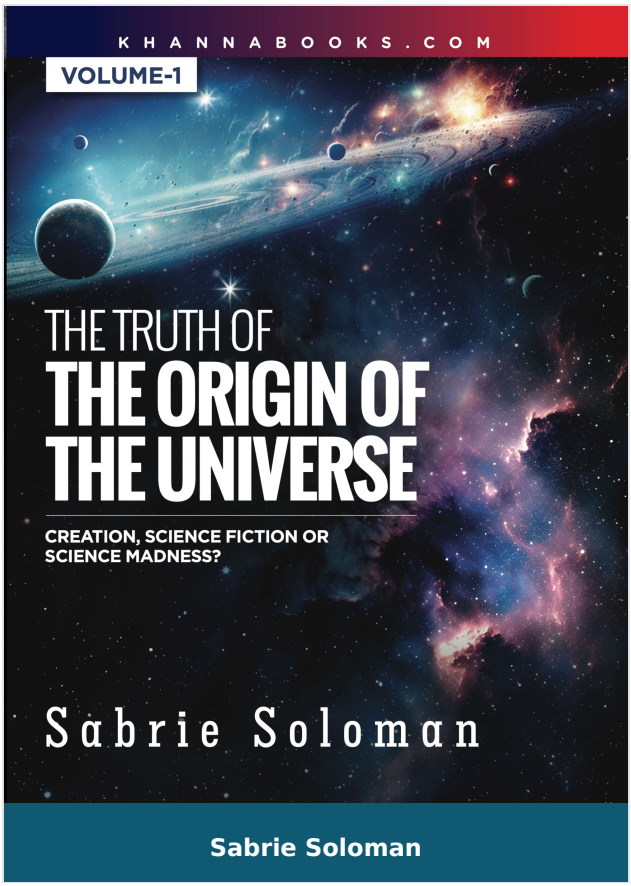

The Truth of The Origin of The Universe (Creation, Science Fiction or Science Madness?) Volume-1

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Product Description

How Did the Universe Come To existence?

The debate between creationism and scientific theories of the origin of the universe has been an ongoing and contentious one. On one side, we have the belief in a divine Creator who is responsible for the creation of the world in six days, as described in the Bible. On the other side, we have scientific theories such as the Big Bang, which posits that the universe began with a massive explosion around 13.8 billion years ago.

For those who adhere to the belief in a creator, the concept of a six-day creation holds immense significance. This belief is rooted in faith and is a fundamental tenet of many religious traditions. The idea that a higher power carefully constructed the universe, day by day, is a source of comfort and meaning for many people. Some may argue that the Big Bang theory is nothing more than science fiction or science madness, dismissing it as a fanciful and unsubstantiated idea.

Chapter covered in This Book:

1. The Universe.
2. Something Came Out of Nothing.
3. The Mystery of Gravity.
4. The Evolution of the Big-Bang.
5. The Hypothesis of Multiverse.
6. The hypothesis of Multiverse.
7. The Mystery of Our Unique Earth.

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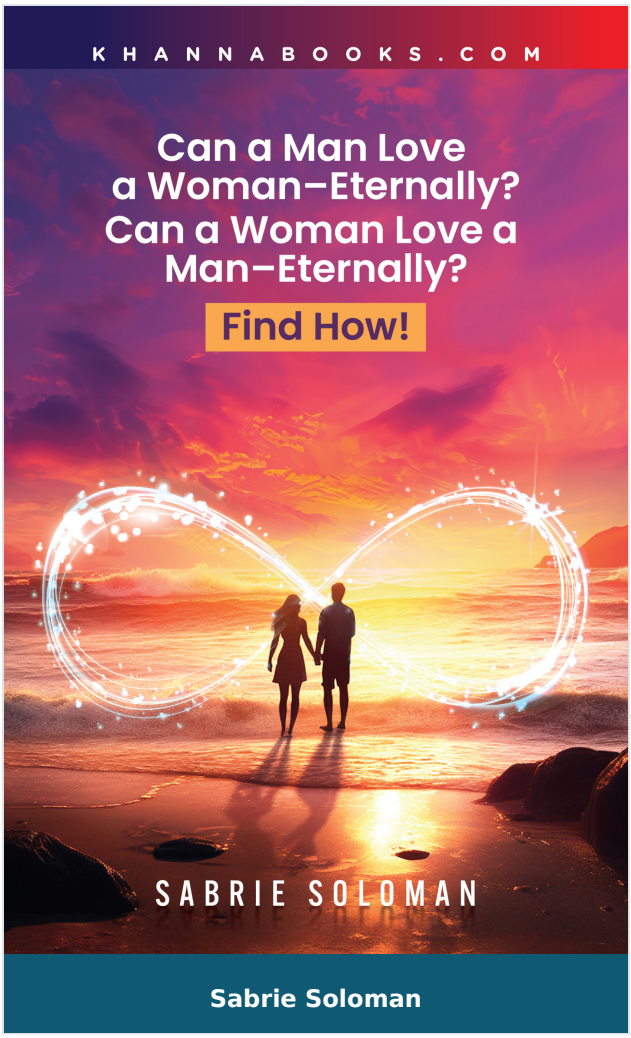

Can A Man Love a Woman - Eternally? Can a Woman Love a Man - Eternally? Find How

Author :	Sabrie Soloman
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Product Description

Can a man love a woman – Eternally? Can a women love a men –Eternally? Find How!

This thoughtful book explores the timeless essence of romantic love between man and women through scriptural, moral, and emotional lenses. It highlights the roles of sacrificial love, mutual respect, and personal growth in relationships. Drawing from ancient wisdom and modern insights, it guides couples to nurture enduring, spiritually rooted bonds. This book encourages understanding, commitment, and transformation: making it meaningful companion for anyone seeking a deeper, lasting connection in today’s evolving world.

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- Appendix

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