



# The Clockwork Universe: Isaac Newton, the Royal Society, and the Birth of the Modern World

By Edward Dolnick

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*New York Times* bestselling author Edward Dolnick brings to light the true story of one of the most pivotal moments in modern intellectual history—when a group of strange, tormented geniuses invented science as we know it, and remade our understanding of the world. Dolnick’s earth-changing story of Isaac Newton, the Royal Society, and the birth of modern science is at once an entertaining romp through the annals of academic history, in the vein of Bill Bryson’s *A Short History of Nearly Everything*, and a captivating exploration of a defining time for scientific progress, in the tradition of Richard Holmes’ *The Age of Wonder*.

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### Editorial Review

From [Booklist](#)

For this narrative of the seventeenth century's scientific revolution, Dolnick embeds the mathematical discoveries of Kepler, Galileo, Newton, and Leibniz in the prevailing outlook of their time. God was presumed integral to the universe, so discerning how it worked was a quest as theological as it was intellectual. By directing readers to the deistic drive in their famous achievements, Dolnick accents what otherwise strikes moderns as strange, such as Newton's obsession with alchemy and biblical hermeneutics. Those pursuits held codes to God's mind, as did motion and, especially, planetary motion, and Dolnick's substance follows the greats' progress in code-breaking, depicting Kepler's mathematical thought process in devising his laws, Galileo's in breaking out the vectors of falling objects, Newton's and Leibniz's in inventing calculus, and Newton's in formulating his laws of gravitation. Including apt biographical detail, Dolnick humanizes the group, socializes them by means of their connections to such coevals as the members of the nascent Royal Society, and captures their mental coexistence in mysticism and rationality. A concise explainer, Dolnick furnishes a fine survey introduction to a fertile field of scientific biography and history. -- Gilbert Taylor

### Review

"Edward Dolnick's smoothly written history of the scientific revolution tells the stories of the key players and events that transformed society."

### From the Back Cover

In a world of chaos and disease, one group of driven, idiosyncratic geniuses envisioned a universe that ran like clockwork. They were the Royal Society, the men who made the modern world.

At the end of the seventeenth century, sickness was divine punishment, astronomy and astrology were indistinguishable, and the world's most brilliant, ambitious, and curious scientists were tormented by contradiction. They believed in angels, devils, and alchemy yet also believed that the universe followed precise mathematical laws that were as intricate and perfectly regulated as the mechanisms of a great clock.

*The Clockwork Universe* captures these monolithic thinkers as they wrestled with nature's most sweeping mysteries. Award-winning writer Edward Dolnick illuminates the fascinating personalities of Newton, Leibniz, Kepler, and others, and vividly animates their momentous struggle during an era when little was known and everything was new—battles of will, faith, and intellect that would change the course of history itself.

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#### Toni Williams:

Can you one of the book lovers? If so, do you ever feeling doubt when you are in the book store? Try to pick one book that you find out the inside because don't determine book by its include may doesn't work is difficult job because you are frightened that the inside maybe not because fantastic as in the outside

appearance likes. Maybe your answer could be *The Clockwork Universe: Isaac Newton, the Royal Society, and the Birth of the Modern World* why because the wonderful cover that makes you consider in regards to the content will not disappoint an individual. The inside or content is actually fantastic as the outside or perhaps cover. Your reading sixth sense will directly assist you to pick up this book.

**Randy Anderson:**

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**Kathleen Owen:**

This *The Clockwork Universe: Isaac Newton, the Royal Society, and the Birth of the Modern World* is fresh way for you who has curiosity to look for some information as it relieves your hunger for information. Getting deeper you on it getting knowledge more you know or else you who still having small amount of digest in reading this *The Clockwork Universe: Isaac Newton, the Royal Society, and the Birth of the Modern World* can be the light food to suit your needs because the information inside this particular book is easy to get through anyone. These books build itself in the form which is reachable by anyone, that's why I mean in the e-book contact form. People who think that in book form make them feel drowsy even dizzy this reserve is the answer. So there isn't any in reading a e-book especially this one. You can find what you are looking for. It should be here for you actually. So, don't miss that! Just read this e-book variety for your better life and also knowledge.

**Mable Watkins:**

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