

William Jevons and John Mill on Logic and Principles of Science Illustrated

William Jevons and John Mill were two of the most influential thinkers of the 19th century. Their work on logic and the principles of science helped to shape the development of these fields and continues to be influential today. This book brings together their most important writings on these topics, providing a comprehensive overview of their thought.

William Jevons

William Jevons (1835-1882) was a British economist, logician, and philosopher. He is best known for his work on the theory of marginal utility, which he developed independently of Carl Menger and Leon Walras. Jevons also made important contributions to the fields of logic and the principles of science.



William Jevons and John Mill on Logic and Principles of Science (Illustrated)

★★★★★ 5 out of 5

Language : English
File size : 15801 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Word Wise : Enabled



In his work on logic, Jevons developed a new system of symbolic logic that was more powerful and expressive than the traditional Aristotelian system. He also developed a new theory of induction that was based on the principle of inverse probability. This theory provided a more rigorous foundation for inductive reasoning than the traditional methods based on syllogism.

In his work on the principles of science, Jevons argued that science is a process of hypothesis testing. He developed a new method of hypothesis testing that was based on the principle of least squares. This method provided a more objective way to test hypotheses than the traditional methods based on intuition and guesswork.

John Mill

John Mill (1806-1873) was a British philosopher, economist, and political theorist. He is best known for his work on utilitarianism, which he developed in his book *Utilitarianism*. Mill also made important contributions to the fields of logic and the principles of science.

In his work on logic, Mill developed a new system of inductive logic that was based on the principle of the uniformity of nature. This principle states that the laws of nature are constant and unchanging. Mill argued that this principle provides a foundation for inductive reasoning because it allows us to infer general laws from particular observations.

In his work on the principles of science, Mill argued that science is a process of observation and experiment. He developed a new method of scientific investigation that was based on the principle of controlled experimentation. This method provided a more reliable way to test

hypotheses than the traditional methods based on uncontrolled observation.

The Influence of Jevons and Mill

The work of Jevons and Mill has had a profound influence on the development of logic and the principles of science. Their new systems of logic and induction provided a more rigorous foundation for these fields and their new methods of hypothesis testing and scientific investigation provided more objective and reliable ways to test hypotheses and theories.

The work of Jevons and Mill continues to be influential today. Their ideas are still used in the teaching of logic and the principles of science and their methods of hypothesis testing and scientific investigation are still used in the practice of science.

This book brings together the most important writings of William Jevons and John Mill on logic and the principles of science. It provides a comprehensive overview of their thought and shows how their work has influenced the development of these fields. This book is an essential resource for anyone interested in the history and philosophy of logic and the principles of science.

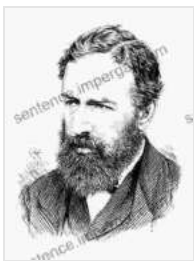
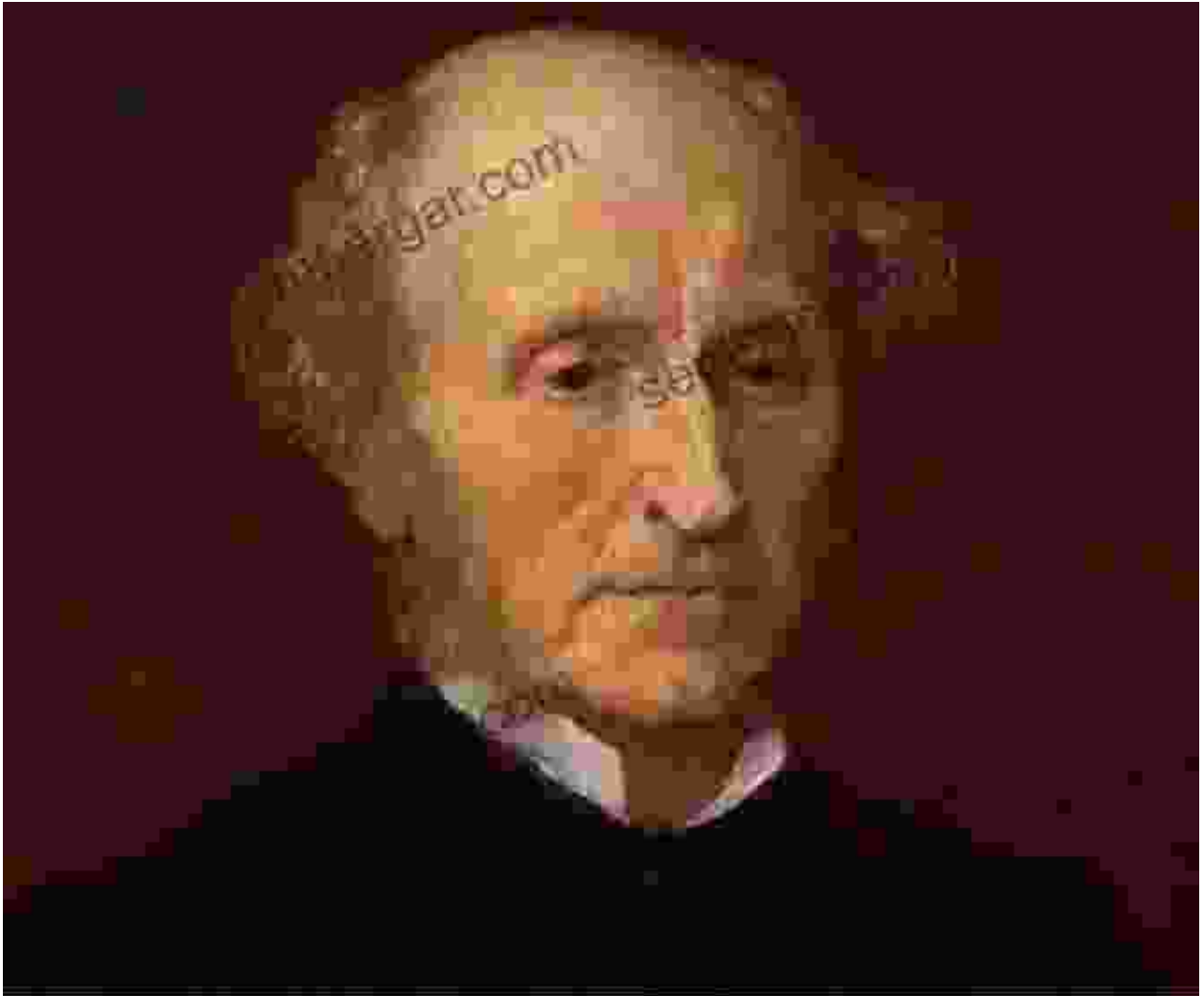
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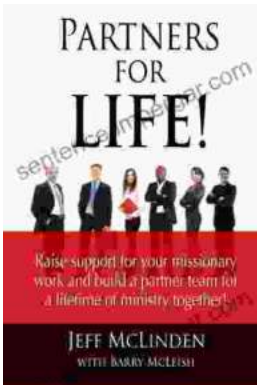
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