

# A Historical Survey of Mathematics in Dover

Dover has a rich and vibrant history in mathematics, dating back to the early days of the town. The town's first school was founded in 1642, and mathematics was one of the core subjects taught. In the 18th century, Dover became a center for shipbuilding, and mathematics played a vital role in the design and construction of ships. The town's first college, Dover Academy, was founded in 1792, and it offered a strong mathematics program. In the 19th century, Dover became a major textile manufacturing center, and mathematics was used extensively in the design of machinery and the calculation of production costs.



## The Science of Measurement: A Historical Survey (Dover Books on Mathematics) by Douglas Boze

★★★★☆ 4 out of 5

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In the 20th century, Dover continued to be a center for mathematics education and research. The University of New Hampshire was founded in 1866, and it quickly became one of the leading mathematics departments in the country. The university's mathematics department has produced a

number of notable mathematicians, including George Boole, who developed the system of Boolean algebra that is used in computer science. Dover is also home to a number of private schools that offer strong mathematics programs, including Phillips Exeter Academy and Saint Paul's School.

Today, Dover is a thriving center for mathematics. The University of New Hampshire's mathematics department continues to be a leader in research and teaching, and the town's private schools continue to produce top mathematics students. Dover is also home to a number of businesses that use mathematics extensively, including software companies and financial institutions. The town's rich history in mathematics has helped to create a culture that values education and innovation.

## **The Major Mathematicians of Dover**

Dover has produced a number of notable mathematicians, including:

- George Boole (1815-1864): Boole was a mathematician and logician who developed the system of Boolean algebra that is used in computer science. He was born in England, but he spent most of his life in Dover, where he was a professor at the University of New Hampshire.
- Nathaniel Bowditch (1773-1838): Bowditch was a mathematician and navigator who is best known for his work on celestial navigation. He was born in Salem, Massachusetts, but he moved to Dover in 1802 and lived there for the rest of his life.
- Levi Woodbury (1789-1851): Woodbury was a mathematician and politician who served as Secretary of the Treasury under President

Andrew Jackson. He was born in Francestown, New Hampshire, but he moved to Dover in 1823 and lived there for the rest of his life.

## **The Major Institutions of Mathematics in Dover**

Dover is home to a number of institutions that have played a major role in the development of mathematics in the region, including:

- **The University of New Hampshire:** The university's mathematics department is one of the leading mathematics departments in the country. It offers a wide range of undergraduate and graduate programs in mathematics, and it is home to a number of research centers.
- **Phillips Exeter Academy:** This private boarding school offers a strong mathematics program. It has produced a number of notable mathematicians, including George Boole and Nathaniel Bowditch.
- **Saint Paul's School:** This private boarding school offers a strong mathematics program. It has produced a number of notable mathematicians, including Levi Woodbury.

## **The Impact of Mathematics on Dover**

Mathematics has had a significant impact on Dover's culture and economy. The town's rich history in mathematics has helped to create a culture that values education and innovation. Dover is also home to a number of businesses that use mathematics extensively, including software companies and financial institutions. These businesses have helped to make Dover a thriving center for commerce and industry.

In addition to its economic impact, mathematics has also had a significant impact on Dover's culture. The town is home to a number of museums and libraries that feature exhibits on mathematics. Dover is also home to a number of mathematics clubs and organizations. These clubs and organizations provide opportunities for people of all ages to learn about mathematics and to connect with other people who share their interest in the subject.

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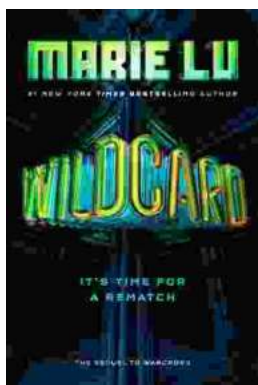
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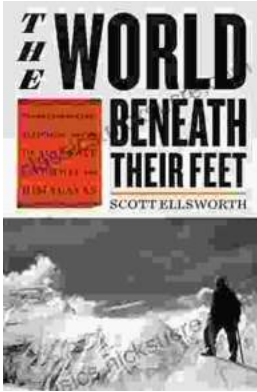
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