

# History Of Analytic Geometry

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History Of Analytic Geometry In classical mathematics, analytic geometry, also known as coordinate geometry or Cartesian geometry, is the study of geometry using a coordinate system. This contrasts with synthetic geometry. Analytic geometry is used in physics and engineering, and also in aviation, rocketry, space science, and spaceflight. It is the foundation of most modern fields of geometry, including algebraic, differential, discrete and computational geometry. Usually the Cartesian coordinate system is ... Analytic geometry - Wikipedia History Background of Analytical Geometry . The relationship between geometry and algebra has evolved throughout the history of mathematics, although geometry reached an earlier degree of maturity. For example, the Greek mathematician Euclid was able to organize many results in his classic book *The elements* . But it was the ancient Greek Apollonius of Perga who predicted the development of analytic geometry in his book *Conics* . He defined a conic as the intersection between a cone and a plane. Historical Background of Analytical Geometry | Life Persona Descartes and Fermat independently founded analytic geometry in the 1630s by adapting Viète's algebra to the study of geometric loci. They moved decisively beyond Viète by using letters to represent distances that are variable instead of fixed. Descartes used equations to study Analytic geometry | Britannica Specifically designed as an integrated survey of the development of analytic geometry, this classic study takes a unique approach to the history of

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