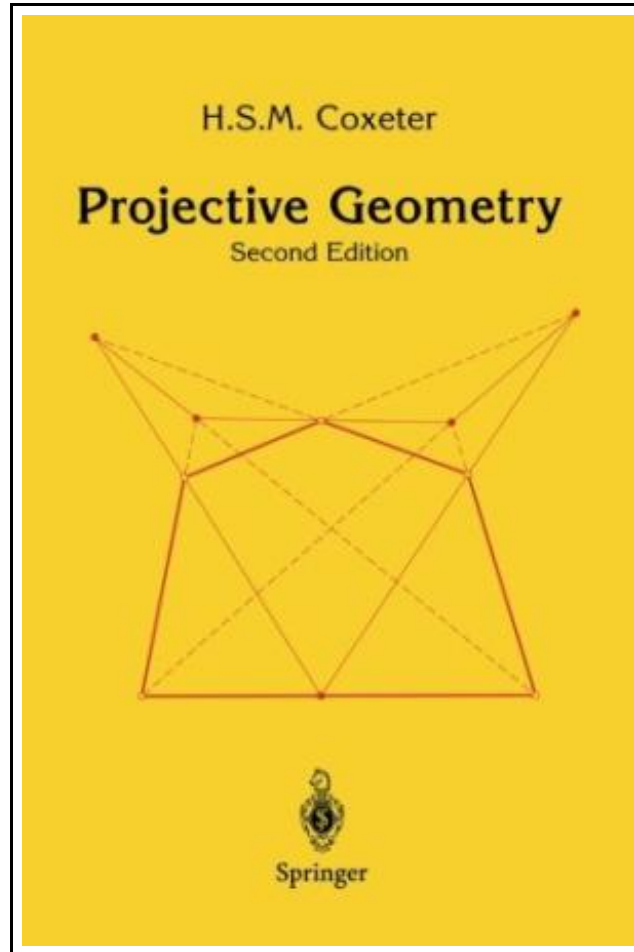


# Projective Geometry



Filesize: 4.47 MB

## ***Reviews***

*Great e book and beneficial one. It is amongst the most awesome pdf i actually have read through. You wont feel monotony at at any time of your own time (that's what catalogs are for relating to if you request me).*

*(Dorothy Daugherty)*

## PROJECTIVE GEOMETRY



To save **Projective Geometry** eBook, please click the button beneath and save the file or gain access to other information that are related to PROJECTIVE GEOMETRY book.

Book Condition: New. Publisher/Verlag: Springer, Berlin | 1 Introduction.- 1.1 What is projective geometry?.- 1.2 Historical remarks.- 1.3 Definitions.- 1.4 The simplest geometric objects.- 1.5 Projectivities.- 1.6 Perspectivities.- 2 Triangles and Quadrangles.- 2.1 Axioms.- 2.2 Simple consequences of the axioms.- 2.3 Perspective triangles.- 2.4 Quadrangular sets.- 2.5 Harmonic sets.- 3 The Principle of Duality.- 3.1 The axiomatic basis of the principle of duality.- 3.2 The Desargues configuration.- 3.3 The invariance of the harmonic relation.- 3.4 Trilinear polarity.- 3.5 Harmonic nets.- 4 The Fundamental Theorem and Pappus's Theorem.- 4.1 How three pairs determine a projectivity.- 4.2 Some special projectivities.- 4.3 The axis of a projectivity.- 4.4 Pappus and Desargues.- 5 One-dimensional Projectivities.- 5.1 Superposed ranges.- 5.2 Parabolic projectivities.- 5.3 Involutions.- 5.4 Hyperbolic involutions.- 6 Two-dimensional Projectivities.- 6.1 Projective collineations.- 6.2 Perspective collineations.- 6.3 Involutionary collineations.- 6.4 Projective correlations.- 7 Polarities.- 7.1 Conjugate points and conjugate lines.- 7.2 The use of a self-polar triangle.- 7.3 Polar triangles.- 7.4 A construction for the polar of a point.- 7.5 The use of a self-polar pentagon.- 7.6 A self-conjugate quadrilateral.- 7.7 The product of two polarities.- 7.8 The self-polarity of the Desargues configuration.- 8 The Conic.- 8.1 How a hyperbolic polarity determines a conic.- 8.2 The polarity induced by a conic.- 8.3 Projectively related pencils.- 8.4 Conics touching two lines at given points.- 8.5 Steiner's definition for a conic.- 9 The Conic, Continued.- 9.1 The conic touching five given lines.- 9.2 The conic through five given points.- 9.3 Conics through four given points.- 9.4 Two self-polar triangles.- 9.5 Degenerate conics.- 10 A Finite Projective Plane.- 10.1 The idea of a finite geometry.- 10.2 A combinatorial scheme for  $PG(2, 5)$ .- 10.3 Verifying the axioms.- 10.4 Involutions.- 10.5 Collineations and correlations.- 10.6 Conics.- 11 Parallelism.- 11.1 Is the circle a conic?.- 11.2 Affine space.- 11.3 How two...



[Read Projective Geometry Online](#)



[Download PDF Projective Geometry](#)



[Download ePub Projective Geometry](#)

## Other eBooks

---



**[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)**

Click the web link below to read "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)" PDF document.

[Read ePub »](#)

---



**[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)**

Click the web link below to read "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)" PDF document.

[Read ePub »](#)

---



**[PDF] Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English] (Paperback)**

Click the web link below to read "Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English] (Paperback)" PDF document.

[Read ePub »](#)

---



**[PDF] Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English] (Paperback)**

Click the web link below to read "Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English] (Paperback)" PDF document.

[Read ePub »](#)

---



**[PDF] Read Write Inc. Phonics: Purple Set 2 Non-Fiction 4 What is it? (Paperback)**

Click the web link below to read "Read Write Inc. Phonics: Purple Set 2 Non-Fiction 4 What is it? (Paperback)" PDF document.

[Read ePub »](#)

---



**[PDF] Would It Kill You to Stop Doing That?**

Click the web link below to read "Would It Kill You to Stop Doing That?" PDF document.

[Read ePub »](#)



**[PDF] Edge] the collection stacks of children's literature: Chunhyang Qiuyun 1.2 --- Children's Literature 2004(Chinese Edition)**

Follow the hyperlink beneath to get "Edge] the collection stacks of children's literature: Chunhyang Qiuyun 1.2 --- Children's Literature 2004(Chinese Edition)" file.

[Read Document »](#)



**[PDF] Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)**

Follow the hyperlink beneath to get "Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)" file.

[Read Document »](#)



**[PDF] Sarah's New World: The Mayflower Adventure 1620 (Sisters in Time Series 1)**

Follow the hyperlink beneath to get "Sarah's New World: The Mayflower Adventure 1620 (Sisters in Time Series 1)" file.

[Read Document »](#)



**[PDF] Read Write Inc. Phonics: Yellow Set 5 Non-Fiction 3 Fun at the Fair (Paperback)**

Follow the hyperlink beneath to get "Read Write Inc. Phonics: Yellow Set 5 Non-Fiction 3 Fun at the Fair (Paperback)" file.

[Read Document »](#)



**[PDF] Read Write Inc. Phonics: Orange Set 4 Non-Fiction 1 Jam Tarts (Paperback)**

Follow the hyperlink beneath to get "Read Write Inc. Phonics: Orange Set 4 Non-Fiction 1 Jam Tarts (Paperback)" file.

[Read Document »](#)



**[PDF] Read Write Inc. Phonics: Pink Set 3 Storybook 5 Tab s Kitten (Paperback)**

Follow the hyperlink beneath to get "Read Write Inc. Phonics: Pink Set 3 Storybook 5 Tab s Kitten (Paperback)" file.

[Read Document »](#)