

## Math 639: Projective Geometry

Fundamental propositions of projective geometry from synthetic and analytic point of view; principle of duality; poles and polars; cross ratios; theorems of Desargues, Pascal, Brianchon; involutions.

3 Credits

## Instruction Type(s)

• Lecture: Lecture for Math 639

## **Subject Areas**

<u>Geometry/Geometric Analysis</u>

## **Related Areas**

- <u>Algebra and Number Theory</u>
- Analysis and Functional Analysis
- Mathematics, General
- <u>Topology and Foundations</u>

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