

THE JOY OF CONICS  
OR HOW TO INVESTIGATE AND CLASSIFY  
ELLIPSES, PARABOLAS, AND HYPERBOLAS

IN MEMORY OF EUCLID

APOLLONIUS FROM PERGAE<sup>1</sup> AND ARCHIMEDES FROM SYRACUSE

ABSTRACT. The various types of conic sections are introduced including a justification for their respective names ellipsis, parabola, hyperbola. Several examples are given.

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Keywords and Phrases: Conic section, ellipsis, parabola, hyperbola.

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