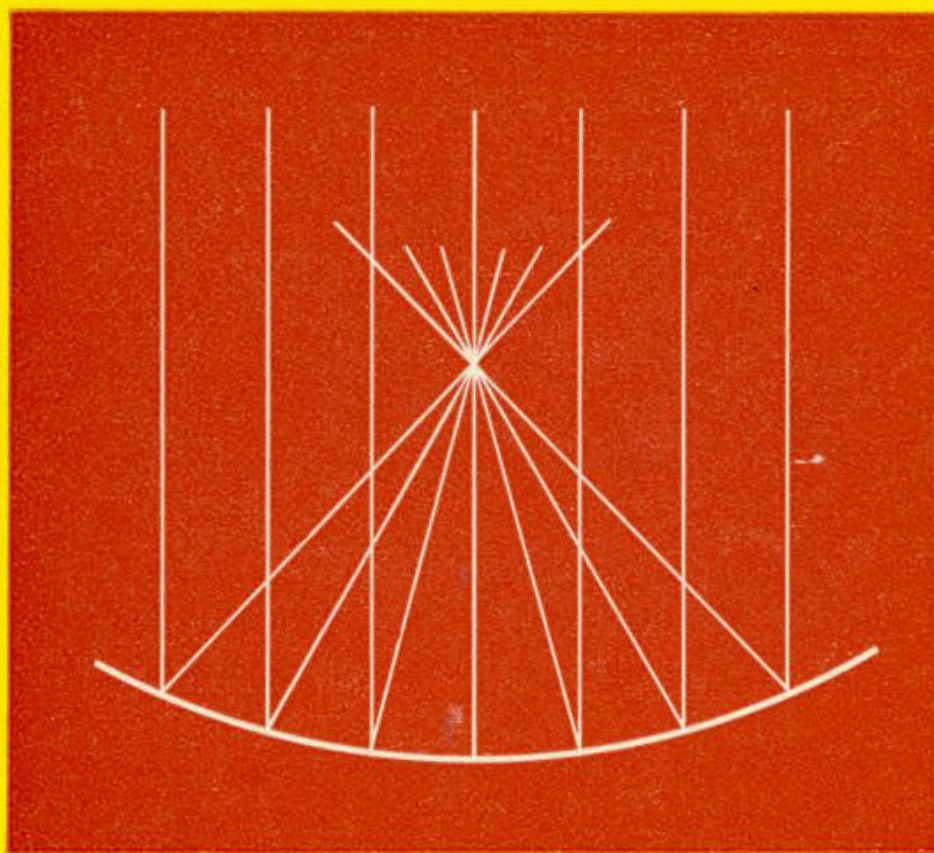


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# PARABOLA

A Mathematics Magazine  
for Secondary School Students



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# PARABOLA

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The magazine is intended to stimulate interest in Mathematics among secondary school students, and limited numbers of Parabola are distributed free to Secondary Schools in New South Wales.

**Subscriptions:** Per year — three shillings

Per copy — one shilling

Readers are invited to contribute articles, problems, short items of general interest, and solutions to the problem section. All subscriptions, contributions and correspondence should be addressed to the editor, and should include the author's name and address, age, class, and school.

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## EDITORIAL

Over the past ten years student journals and magazines similar to this one have been launched in different parts of the world, in a variety of languages. In a few countries, such as Hungary and France, such magazines can look back on a past of over fifty years, and three generations of mathematicians think with grateful affection of these old journals which helped to open their eyes to the delights of the world of mathematics, and to give them their first taste of the spirit of mathematical research. In South Australia a similar magazine, introduced about a year ago, has already met with widespread interest and enthusiasm from students and teachers.

One of the aims of this magazine is to provide problems and puzzles which will test your insight, ingenuity and determination to the limit. Most people enjoy solving even simple puzzles. But if the problem at first appears quite intractable, if a neat solution is effected only by a flash of inspiration after complete concentration, the sense of achievement increases enormously. It is this creative experience which transforms the career of a professional mathematician from merely a daily job (well paid and secure nonetheless) to a continual source of adventure and delight.

We hope that this journal will rapidly be adopted by you as your own, and whilst we will continue to publish articles by distinguished mathematicians, we will welcome your contributions, criticisms, and suggestions for improvements.