

CONAT'S ORIGINAL EXERCISES IN PLANE AND SOLID GEOMETRY, by Levi L. Conat, Ph.D., Professor of Mathematics in the Worcester Polytechnic Institute. *American Book Company, New York.*

This book contains 900 theorems, constructions, and numerical problems designed to supply material for original work in plane and solid geometry. Although intended primarily for reviewing these subjects in the final year in high schools and academies, it can be used with great benefit in supplementing the regular course. The character and great variety of the problems make them admirably suited to that purpose. This collection of problems was made in connection with a course in original work in geometry which the author, a teacher of wide experience, gave for a number of years, and which was always exceedingly popular with his students. The exercises have been arranged in a somewhat promiscuous manner, because in the solution of an original problem the student should be given full liberty to apply any method he can devise. This is the natural method, and the one he is forced to employ when the entrance examination to college is encountered. Original problems are always, or almost always, set, but freedom of choice is always given as far as the method of solution is concerned. Diagrams are occasionally included as a help to the student in the solution of more difficult problems.

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THE DIVINE FIRE, by Mary Sinclair.

This remarkably clever novel from the pen of a gifted English-woman, is a decided contrast to the ordinary, light-weight sample of fiction on the market to-day. It isn't exactly the book with which to while away an idle summer's afternoon; it isn't verandah literature. To thoroughly enjoy the story, and appreciate the moral it conveys, one would need bring to its perusal a serious mood, a taste for psychological problems, and a fair amount of patience and perseverance, for it is a long story and told with a carefulness of detail that many might find tiresome in these days of innumerable interests. The plot—by no means an exciting one—is placed in very recent years, but, with a few changes, it might do for any age, for it is the old tale of battles fought and won for the sake of a lady fair, though in this case, the battles are of the silent, unnoticed kind, being waged