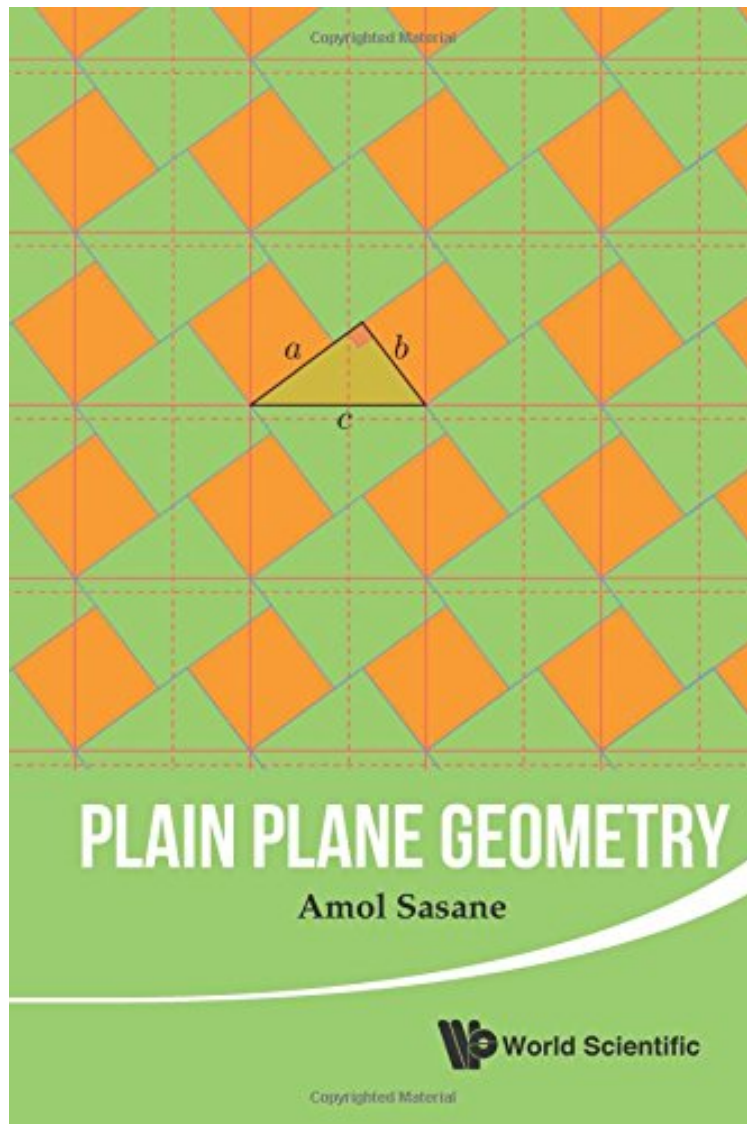


Plain Plane Geometry

Amol Sasane

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#1832948 in Books 2016-02-10 2015-12-07Original language:EnglishPDF # 1 9.00 x .68 x 6.00l, .0 #File Name: 9814740446288 pages | File size: 75.Mb

Amol Sasane : Plain Plane Geometry before purchasing it in order to gage whether or not it would be worth my time, and all praised Plain Plane Geometry:

"I believe that Sasane's book is an excellent gateway into planar geometry: it is accessible, systematic, and thorough. It does communicate the beauty and charm of geometry. The solutions, much like the book itself, are thorough and easy to follow. Overall, the book is a fine resource for readers who are new to geometry as well as those who want to

sharpen their geometric skills." Mathematical Association of America The book constitutes an elementary course on Plane Euclidean Geometry, pitched at pre-university or at advanced high school level. It is a concise book treating the subject axiomatically, but since it is meant to be a first introduction to the subject, excessive rigour is avoided, making it appealing to a younger audience as well. The aim is to cover the basics of the subject, while keeping the subject lively by means of challenging and interesting exercises. This makes it relevant also for students participating in mathematics circles and in mathematics olympiads. Each section contains several problems, which are not purely drill exercises, but are intended to introduce a sense of "play" in mathematics, and inculcate appreciation of the elegance and beauty of geometric results. There is an abundance of colour pictures illustrating results and their proofs. A section on hints and a further section on detailed solutions to all the exercises appear at the end of the book, making the book ideal also for self-study.

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