

Plane And Solid Mensuration Student S Guide

Excerpt from The Elements of Plane and Solid Geometry: With Chapters on Mensuration and Modern Geometry The student does not meet at the outset, as in most modern Geometries, a collection of theorems involving constructions which he has not been taught to perform, but a simple problem; and, as he needs them, he finds other problems, so that no figure is called for which he has not the means to construct accurately and intelligently. He is impressed with the logical idea that correct conclusions can only be deduced from known premises, and he acquires practical skill in construction by applying the problems to every proposition. While the basis of elementary Geometry is, and must ever be, contained in the works of Euclid, modern geometers, especially in France, have made important additions and corrections. Euclid's methods are sometimes cumbersome, and his omissions, especially in solid Geometry, are serious; yet years of experience attest the beneficial results of his teaching. His students think accurately and scientifically, and their training shows itself in their future work. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at www.forgottenbooks.com This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works.

Complete System of Mensuration, Adapted to the Use of Schools, Private Students, and Practical Men
Comprehending Logarithmic Arithmetic, Practical Geometry, Plane Trigonometry, Mensuration of Surfaces and of Solids, of Conic Sections and of Their Solids, Surveying, Mensuration of Heights and Distances, Levelling, Mensuration of Artificers' Work, Etc
The Elements of Plane and Solid Geometry With Chapters on Mensuration and Modern Geometry (Classic Reprint)
Forgotten Books

Classroom resource material allowing the integration of mathematics history into undergraduate mathematics teaching.

Excerpt from Elements of Plane and Solid Geometry, and of Plane and Spherical Trigonometry: To Which Is Added Mensuration, Surveying, and Navigation The most perfect demonstration of a mathematical theorem is that which, while rigorously exact, is expressed in the fewest and simplest words. The Elements of Euclid, with some exceptions, are acknowledged to be absolutely perfect in this respect. Taking these for a basis and model, I have reduced the essential features of Geometry to so small a compass that I have been enabled to bring that science, as well as its cognate and dependent ones, Trigonometry, Mensuration, Surveying, and Navigation, within the compass of a single volume. In the chapters on Trigonometry, Mensuration, Surveying, and Navigation, the student will find much that will, by exercising his analytical powers, fit him for the successful study of the higher branches of Mathematics. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at www.forgottenbooks.com This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works.

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