



Classic Topics in Discrete Geometry

By Bezdek, Karoly

Springer Verlag, 2010. Hardcover. Book Condition: New. 1. 15.88 x 23.5 cm. "This multipurpose book can serve as a textbook for a semester long graduate level course giving a brief introduction to Discrete Geometry. It also can serve as a research monograph that leads the reader to the frontiers of the most recent research developments in the classical core part of discrete geometry. Finally, the forty-some selected research problems offer a great chance to use the book as a short problem book aimed at advanced undergraduate and graduate students as well as researchers." "The text is centered around four major and by now classical problems in discrete geometry. The first is the problem of densest sphere packings, which has more than 100 years of mathematically rich history. The second major problem is typically quoted under the approximately 50 years old illumination conjecture of V. Boltyanski and H. Hadwiger. The third topic is on covering by planks and cylinders with emphasis on the affine invariant version of Tarski's plank problem, which was raised by T. Bang more than 50 years ago. The fourth topic is centered around the Kneser-Poulsen Conjecture, which also is approximately 50 years old. All four topics witnessed...



READ ONLINE
[1.78 MB]

Reviews

A very wonderful pdf with perfect and lucid explanations. This can be for those who stutte that there had not been a worth reading. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- **Mr. Stone Kunze**

This book is so gripping and fascinating. Of course, it is actually perform, still an interesting and amazing literature. You will not feel monotony at anytime of your respective time (that's what catalogs are for about in the event you request me).

-- **Prof. Ophelia Wiegand I**