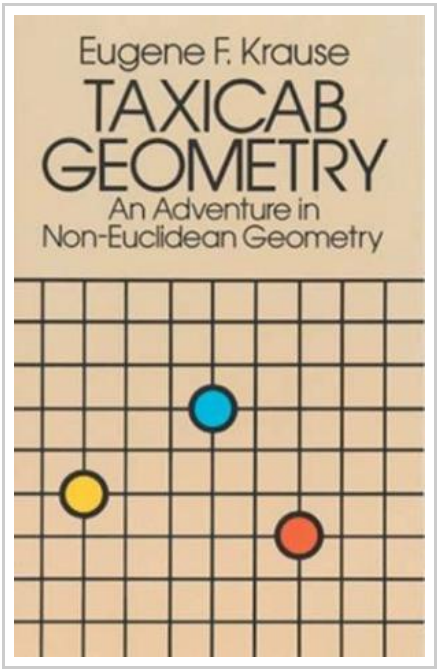




# Taxicab Geometry: Adventure in Non-Euclidean Geometry (Paperback)

By Eugene F. Krause

Dover Publications Inc., United States, 1988. Paperback. Book Condition: New. New edition. 211 x 135 mm. Language: English . Brand New Book. This entertaining, stimulating textbook offers anyone familiar with Euclidean geometry undergraduate math students, advanced high school students, and puzzle fans of any age an opportunity to explore taxicab geometry, a simple, non-Euclidean system that helps put Euclidean geometry in sharper perspective. In taxicab geometry, the shortest distance between two points is not a straight line. Distance is not measured as the crow flies, but as a taxicab travels the grid of the city street, from block to block, vertically and horizontally, until the destination is reached. Because of this non-Euclidean method of measuring distance, some familiar geometric figures are transmitted: for example, circles become squares. However, taxicab geometry has important practical applications. As Professor Krause points out, While Euclidean geometry appears to be a good model of the natural world, taxicab geometry is a better model of the artificial urban world that man has built. As a result, the book is replete with practical applications of this non-Euclidean system to urban geometry and urban planning from deciding the optimum location for a factory or a phone booth, to...



### Reviews

*Simply no words to spell out. It can be rally fascinating throgh studying period of time. You will not really feel monotony at at any moment of your own time (that's what catalogues are for concerning if you ask me).*

-- ***Dr. Isabella Turner***

*I just started off looking over this ebook. It is actually loaded with wisdom and knowledge Its been developed in an remarkably simple way in fact it is simply after i finished reading through this book where basically modified me, modify the way i believe.*

-- ***Josie Koch IV***