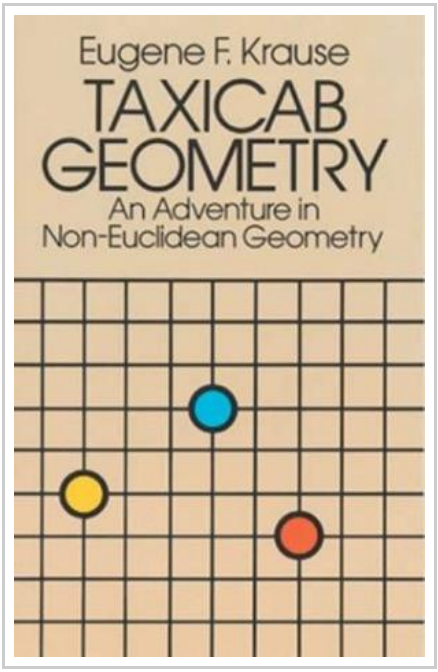

Taxicab Geometry: Adventure in Non-Euclidean Geometry (Paperback)

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

Merely no words to spell out. It is amongst the most awesome publication i have read. Your life span will likely be transform as soon as you full reading this book.

-- ***Marvin Okuneva***

Completely among the best publication I have got at any time go through. I have got go through and so i am confident that i will likely to read again once more down the road. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- ***Zachery Mertz***