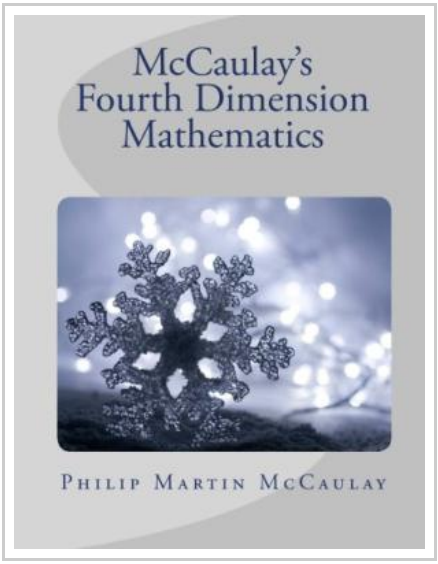




# McCaulay s Fourth Dimension Mathematics

By Philip Martin McCaulay

Createspace, United States, 2011. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.The mathematical model for the fourth dimension is the tesseract, two connected parallel cubes that form a hypercube. The volume of the tesseract equals a side of a cube to the fourth power. McCaulay s Fourth Dimension Mathematics introduces a new mathematical model for the fourth dimension that turns the tesseract inside-out to form a six-rayed star, or hexact. The hexact is six square pyramids around a cube to form a 24-sided polyhedron. This publication includes details on the derivation of the formulas for the height, volume, and surface area of a hexact. The concepts are shown as linear equations, graphs, and tables, along with specific examples. The fourth dimension mathematics model is extended to the fifth and sixth dimensions.



### Reviews

*Extensive information for book fans. It is writter in basic words and never hard to understand. It is extremely difficult to leave it before concluding, once you begin to read the book.*

-- ***Otis Wisoky***

*This publication is great. It is full of wisdom and knowledge You will not really feel monotony at at any time of the time (that's what catalogs are for relating to when you ask me).*

-- ***Dr. Everett Dicki DDS***