Introduction to Quaternions (Classic Reprint)

By Philip Kelland

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Introduction to Quaternions In preparing the third edition of Kelland and Tait s Introduction to Quaternions I have been guided mainly by two considerations. In the first place, the average mathematical student of to day attains either at school or in his early college courses a much higher standard than was possible in 1873 when Kelland wrote, or even in 1881, the date of the second edition. It seemed, therefore, desirable to delete many of the very simple geometrical illustrations which formed a large part of the text, indicating their nature by a word, or transferring them as exercises to the end of the appropriate chapter. In this way valuable space has been gained for the discussion of problems more fitted to bring out the power and beauty of the quaternion calculus. It is right to mention, however, that Chapter I. has been left exactly as Kelland wrote it; and the greater part of Chapter II. is simply reproduced. The second consideration was the necessity for presenting the main features of Hamilton s great calculus...

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