

AN ELEMENTARY TREATISE

OF
QUATERNIONS

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WITH A PREFACE BY THE AUTHOR.

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Elementary Treatise On Quaternions 2nd Edition

Peter Guthrie Tait



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examples Mathematics for Computer Graphics covers all of the key areas of the subject including Number sets Algebra Trigonometry Complex numbers Coordinate systems Determinants Vectors Quaternions Matrix algebra Geometric transforms Interpolation Curves and surfaces Analytic geometry Barycentric coordinates Geometric algebra Differential calculus Integral calculus This sixth edition contains approximately 150 worked examples and over 330 colour illustrations which are central to the author's descriptive writing style Mathematics for Computer Graphics provides a sound understanding of the mathematics required for computer graphics software and setting the scene for further reading of more advanced books and technical research papers

Life and Scientific Work of Peter Guthrie Tait Cargill Gilston Knott, 2015-04-02 Originally published in 1911 this book contains a collection of many of the scientific papers of the Scottish mathematical physicist Peter Guthrie Tait The work begins with a brief biography of Tait and the papers included cover some of Tait's most famous research interests including knot theory and the physics of golf This book will be of value to anyone with an interest in the history of science and the work of Tait in particular

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