The Quaternion Dirac Equation
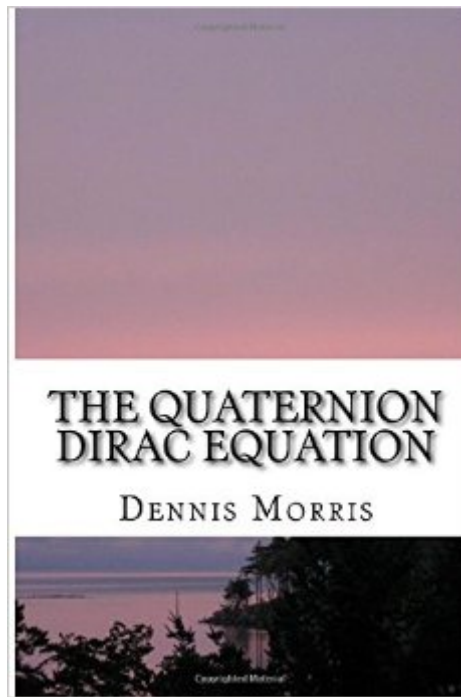

THE QUATERNION
DIRAC EQUATION

DENNIS MORRIS

Synopsis

This book presents the long sought after quaternion form of the Dirac equation. Recent developments in understanding quaternion differentiation by the author of this book have produced a rewrite of the Dirac equation as a quaternion equation. The quaternion Dirac equation predicts parity violation by the weak force and explains how neutrinos can be both massless and oscillate between generations. We also have a significant step towards the unification of general relativity and quantum field theory. This book is a monumental triumph of work by many individuals over almost a century. It will be of interest to students and advanced theorists alike.

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Customer Reviews

This is the book I wish I had in college. Absolutely superb ! Dr. Morris writes every step out, no skipping or "it can easily be shown" comments which would work if you already knew the stuff. Highest praise. You can actually teach yourself the subject.

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