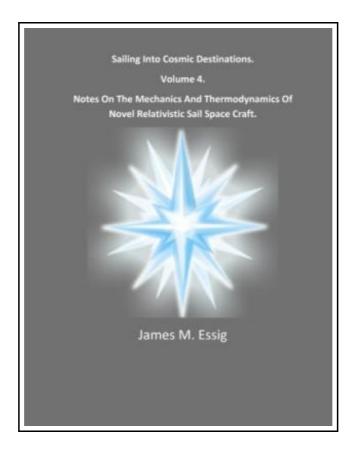
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Createspace, United States, 2014. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****. This is the fourth book of an ongoing series notes on the subject of novel polymode relativistic propulsion methods. The author has many additional thoughts and formulations to express on this subject. It is hoped that the careful or even casual reader of this book will be interested in the series of books yet to be published. The contents of this book include explicit and detailed expressions along with simple abstractive functional notation. The long-form expressions include numerical analysis type computational algorithms from which computer programs can be easily derived by those skilled in current art code writing for physics simulations. In this book, I present additional propulsion modes that are not covered in Volumes 1, 2 and 3. These additional modes are applicable for both the Light-String Sails and the Monolithic Sails covered in Part 1 A and Part 1 B, respectively. Also note that bold red font is used for especially important text passages useful for interpreting the meaning of the formulations and other important aspects of the methods proposed herein. Specifically, I have added new modalities including those involving conjectural energy production using degenerate matter by ad hoc means of Pauli Exclusion Principle suppression as well as propulsive thrust mechanisms based on one-way efficient thermal diodes operable at very high thermal powers and thermal imbalances between a cooler bow relative to the temperature of the forwardly incident radiation. Multiple propulsion methods may be applied in one spacecraft. Multi-modal propulsion can be very beneficial for craft meant to travel cosmic distances in space and forward in time. Multimode propulsion is likely needed for such lengthy journeys because of unpredictable mass-energy distributions in the interstellar and intergalactic...

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