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# Preface

The many achievements that have occurred in the field of physics since the publication of the first edition of this book — particularly that in particle physics following the Discovery Seminar of CERN on July 4, 2012 and Photon underproduction crisis on 10 Apr 2014 — have made apparent the need for a new edition of my book on CFLE theory.

The 1<sup>st</sup> Edition of *CFLE Theory* was originally planned as a simple four-chaptered thesis, intended to change and correct the old theory of relativity. But, because most scientists are holding on to the authority of the old theory very strongly, 12 more chapters were finally prepared in the 1<sup>st</sup> Edition to persuade scientists to accept a different point of view. This goal remains unchanged, and is in fact much stronger in this 3<sup>rd</sup> Edition.

Therefore a large number of small changes, additions, and corrections have been made to improve and update the text, a summary of which follows.

Chapter 4: for close relation between electricity and gravity to emphasize “electromagnetic mass” is added as section 4.7

Chapter 5: for magnetism from mass to emphasize “Origin of Magnetar’s Magnetic Field” is added as section 5.9

Chapter 6: Because explain about physical base of color confinement was not enough, new sections is added as section as 6.5, 6.6, 6.7.

Chapter 7: for close relation between particles and stars to emphasize is moved few section in this chapter from another chapter.

Chapter 9: for wave property and wave function of the sun to emphasize all orbits of solar system is added.

Chaper 15: for that inertial phenomena from the sun and earth can generally principally explain (periodicity of earth quake, sun’s loop, origin of pulsar glitch...) to show, is added new sections as 15.9, 15.10, 15.11.

Chapter 19: for narrow physical base of zero point energy to extend, new section is added 19.6, 19.7, 19.8, and 19.9.

Chapter 20: Because calculation mistake is founded in this chapter, it is corrected in this version.

Chapter 22: Because wrong analysis about anomalous Positrons Excess, this mistake is corrected.

Chapter 23: Because problem of the Photon Underproduction Crisis is related space roar, this theme is added as new section as 23.2.

On July 4, 2012, the Discovery Seminar at CERN was run by Fabiola Gianotti, Josephe Incandela, P.W Higgs, R. Brout and F. Englert. This lecture moved the audience from around the world deeply and gave me decisive courage to plan the 2<sup>nd</sup> Edition and 3<sup>rd</sup> Edition. It is therefore a pleasure to express my deep appreciation and regard for the people mentioned above and CERN. It is also a pleasure to express my deep appreciation and regard for S.Perlmutter, B.P.Schmidt, A.G.Riess (introducing anti-mass) and for Dr. Allan D. Kirsch and his group at the Michigan Spin Physic Center.

It is also a pleasure to express my deep appreciation and regard for Dr. Juna A. Kollmeier and her colleges at the Carnegie Obsevatories.

I am deeply grateful to the institutions, publishers, and authors who had generously granted me gratis reprinting of equations, figures, and data to supplement my text. Thanks are also due to organizations such as NASA/ESA, as well as others whose works are under the Creative Commons License, for allowing reproduction of visuals published on their websites for non-profit use, in the spirit of free dissemination of information.

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