Following with the migration of electrical technologies, various traditional mathematics theories are developed and the corresponding equations are complicated. In order to design and analyze a practical electrical circuit, a student has to learn and understand several complicated mathematic relations. The required sophisticate equations will significantly limit students' enthusiasm in learning new knowledge. To solve out this problem, Professor Chung-Cheng Chen who works in the Department of Electrical Engineering, National Chiayi University, decides to contribute his knowledge in creating "easy-learn-easy-teach" theory on the field of electrical engineering (EE). After 20 years brainstormed, a novel theory named Chen's Electrical Unifying Approach (C.E.U.A.) is published to simplify electrical circuit analysis in 1990. Based on the Prof. Chen's theory, the mathematic problems in circuit theory, electronics, control system, engineering mathematics, power system, discrete mathematics, signal and system, and power electronics etc., can be easily solved. Lecturers can therefore employ this unique theoretical foundation to live their teaching activities and inspire students' creativity by simplifying the required knowledge. As the philosopher of Ukraine (Gregory Skovorada) said: "We should express gratitude to the Heaven, because it has created the world like this: Any simple theory is right but complicated theory is wrong"; the C.E.U.A provides a very simple theory to unify diverse analysis approaches in EE field. To recommend this work, the Present of the National Taipei University of Technology, Prof. Tsu-Tian Lee, says "Prof. Chen's developments provide a suitable platform for students to systematically learn and understand EE theories".