

Introduction

My announcement which is reproduced in the opposite page is from the leading Singapore newspaper "The Straits Times" dated May 3, 1997. It includes a reprint of my earlier announcement which effectively predates my ideas and concepts which are recorded in my book "The Antipodes Map of the World (Antarctic View) and the Earth's Rotation Simulating Chronographometer (E.R.S.C.)" to January 28, 1994. These announcements are my way of establishing and claiming origin and priority in time for all my ideas and works recorded in the book in a carbon-dated manner. A carbon-dated announcement should herald a "today" date and be published in a newspaper of the same date. The identical dates of both the announcement and the newspaper effectively carbon-dates the message it carries. Thus such an announcement can form the basis of an indisputable claim to priority in time which can be easily verified when required and which cannot be superseded by anyone.

I was indeed fascinated by the perfect symmetry of the geometric design of the football. My original objective was to map out the entire design and superimpose it onto a world map, thereby facilitating instant approximations of distances and areas. However, the more I meditated on the football representing the earth, new ideas and concepts relating to geography, geometry and the telling of time assailed my mind like cosmic missiles. I was haunted and intellectually induced to incorporate the new ideas into my work. This book is the depository of my cosmic meditation on the football. It introduces new words and concepts, some of which are "chronographometer"*, "antipodes map", "hexpenhedron", "sphero-geometry", "time-spectrum" and "The global 24-hour instant time-print of the E.R.S.C." which are all explained. I have elaborated on the Pythagoras's theorem, which is generally identified with the areas of squares, to encompass also the areas of regular polygons, polyhedra, circles and spheres in an inclusive manner. Incidentally, Pythagoras did not discover the theorem named after him, as it was already in use in ancient Egypt and Babylon much earlier. I have included in my book a possible solution to Fermat's last theorem based on the sphere.

My book is the result of my own research into sources that I deem to be "the common accumulated knowledge of mankind" into which I have a right to delve. But where necessary I have acknowledged the sources of my information. To any accusations from any quarter that I have infringed on their copyright in my book I would like to ask the following pertinent questions. "Did any interested party ever get permission from the respective authority in China to use the compass before printing maps, as the compass is a Chinese discovery?" "Did any interested party ever get permission from the respective authority in India to use the zero (0) in their mathematical and scientific investigations, as the zero is an Indian mathematical concept?" "Were these facts even acknowledged in their works?" I can imagine how frustrating it would be to use Roman numerals! In this respect I would like to state that only inanimate things like manufactured products and inventions can be patented. Nature, life, ideas, truth, discoveries and knowledge are absolutely free and cannot be claimed by copyright or patented. There should be no restrictions from any quarter on the investigation of intellectual and scientific matters by anyone daring enough to do so. With respect to the E.R.S.C., which is an inanimate object, I intend to apply for a patent towards its manufacture and marketing, or work with a manufacturer over the matter.

However I must concede that the diagrams and maps in it are not perfect as they are manually reproduced and I had no computer to aid me, except my word-processor and the commercial photo-copy machines. The figures I arrived at are fairly correct to the best of my knowledge in maintaining a necessary geometric equilibrium, because they are based on a spherical earth relating to the actual oblate-spheroid one and therefore may not "pass" exacting mathematical calculations. However I do sincerely hope that through my book I could contribute my little bit into geography, geometry and the telling of time.

I am a retired medical laboratory technologist and my earlier discoveries in the field of haematological staining techniques were published as original works in various renowned international medical laboratory journals. But unfortunately they were not appreciated by the local authorities. I have always had a keen interest in geography and geometry and I am presently a member of the National Geographic Society. But I would like to state that I worked independently on my book and the Society was not directly involved in it although I admit to have used some information from their journals. In this respect I merely translocated information onto my various antipodes maps to illustrate their correct use. The publication of this book, which I hope will benefit society, is my humble contribution to the world.

Perreira



*A chronometer working in association with a graph