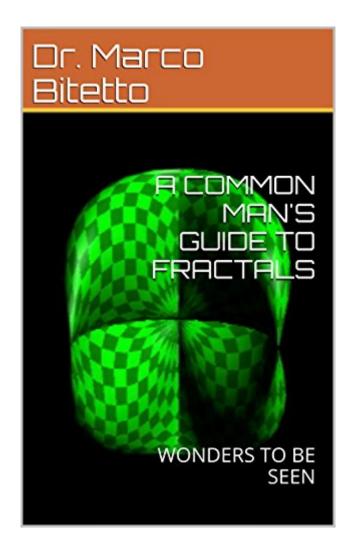
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A COMMON MAN'S GUIDE TO FRACTALS: WONDERS TO BE SEEN





Synopsis

The reader should note that the computer generated images found within this book were generated via the use of an Artificial Intelligence programming environment called MATHEMATICA. In particular, version 8.2 of Wolfram Researchâ ™s MATHEMATICA program that was designed to run on a sixteen processor MACH based UNIX workstation. Consequently, most of the code for the generation of the fractal graphics presented within this book can be gotten upon request. Furthermore this book is broken up in to an introduction that very simply explains to the reader the differences that distinguish the two classes of geometry that are discussed within this book. This discussion is than explained further by chapter V where the foundations of Euclidian geometry are discussed and examined as a first crude attempt to define objects in the world according to a fixed number of rules. Next, in chapter VI the topic of fractal geometry is explained further along with the common terminology that is associated with the subject of fractal mathematics in general. This is then followed by a conclusion that summarizes the previous chapters information. Following this is a list of suggested readings that the reader would find of interest. Finally, the book has as a last section, a section that is label as the appendix and contains all of the fractal images of every day objects that were generated with the help of a program that was written specifically for the purpose of generating the fractal graphics for this book.. This book finally contains a brief biography of the author.

Book Information

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