

Contents

FOREWORD
by Benoit B. Mandelbrot
vii

FOREWORD
by Rhonda Roland Shearer
ix

PREFACE
xi

INTRODUCTION
A First Word
1

CHAPTER ONE
Art and Magic
5

CHAPTER TWO
Only God Can Make a Tree?
41

CHAPTER THREE
Unearthly Earthly Dimensions
75

CONTENTS

CHAPTER FOUR

Chaos

113

CHAPTER FIVE

The Order Within

161

CHAPTER SIX

Hide and Seek

187

CHAPTER SEVEN

Benoit's World

243

CHAPTER EIGHT

The Fragility of Order

277

CHAPTER NINE

Some Call it Life

301

CHAPTER TEN

Certainly Not the Last Word

361

REFERENCES AND NOTES

377

EXPLORATIONS AND CHALLENGES

389

INDEX

401