

To my dear brother and his kind wife.

***Macrostructure is another version of microstructure
and vice versa.***

K.E.

Infinitylogy

Foundations of a New Discipline

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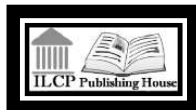


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Foreword

This book is about infinity. It will suggest some embryonic ideas for a new interdisciplinary field of study called *Infinitylogy*. This is an attempt to marry philosophy, science and technology to turn *infinitude* into a well-known and operative actuality.

Infinitylogy refers to the systematic production of knowledge on *infinity*. By “systematic”, we hint at a comprehensive set of methodologies that will harness the complex flow of *infinitude* within matter to make possible its utilization.

Up to now, we have gotten used to dissecting facts and treating only a portion, while infinitude runs everywhere inside and outside any studied occurrence. Every single thing is connected to a great number of other things, if not to everything else in the whole universe. So, the approach of *Infinitylogy* opposes the usual recommendation of the classic

scientific methodology of isolating things and focusing on singular patches only.¹

Nevertheless, *Infinitylogy* could not and certainly would not promote this broad approach unreservedly in the treatment of reality; once it forms its general outlines, *Infinitylogy* follows some comparable directives recommended by science to discover the most subtle and infinitesimal details of matter. However, like the specific branches of science and their attitude of isolation, as soon as *Infinitylogy* dives into the deep levels of the causal chains, it follows the same attitude for the sake of effectiveness. This means that it also tries thoroughly to find the links of each tiny, insulated element with the whole structural, interrelated network that encircles it. The main methodological line of *Infinitylogy* should embrace this permanent back and

¹ In a separate text, in the set of books of *Infinitylogy* whose first volume is the current one, we will be explaining how ideas like those suggested by the Austrian philosopher of science Paul Feyerabend in his major work, *Against Method*, could be a good source from which to derive the benefits of different approaches, including “counterinductive” theories and ideas.

forth between the particular and the general, taking into account the innermost dynamism of matter.

Yet we are not there; we are even far from it. Such a methodology does not exist at the moment. We are in the Paleolithic stage of the history of *Infinitylogy* and need to be patient to reach its Contemporary age. This book is itself a good witness to this claim.

In this tome, you will find ideas and assertions on *infinity* similar to what the French Lascaux cave paintings are compared to the fine art created by Leonard Da Vinci or Eugen de Lacroix. In this book, you will find a wild bunch of raw thoughts that cannot have any higher acclaim than being precursors in this precise matter of laying down *Infinitylogy* as a new discipline.

Our goal in publishing such an imperfect manuscript was to put it in the hands of those who could be interested in this topic. The materials presented in this book could have been in better shape, but we wanted to publish them as is. The real undertaking

for elaborating such an interdisciplinary branch of knowledge will result from organized teamwork with professional standards that the author cannot assure on his own.

Since its thematic is immense, *Infinitylogy* could not articulate it except through a collective and systematized undertaking. Thus, at an individual level, what was feasible was producing more materials so that, later, some interested individuals or institutions could invest in them. This accounts for the obvious flaws of this book. The suggestive character of this latter might justify its shortcomings.

*

The book introduces many ideas on *Infinity* that should be the subject of more studies, criticisms and debates. These are just primary proposals and suggestive assertions that need to be reviewed, verified and tested empirically.

The author will try to do it himself as much as possible, but other preoccupations could draw him

away from a regular, systematic and continuous effort on this subject. This is, in fact, the hazards of life and other responsibilities that persuaded him to publish this book in this shape.

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