

# Contents

<i>Preface</i>	vii
<i>Sources</i>	xi
<b>Anthropology, Philosophy &amp; Psychology</b>	<b>1</b>
1 Natural Being and Coherent Society	3
2 Towards an Indigenous Western Science: Causality in the Universe of Coherent Space-Time Structures	32
3 Organism and Psyche in a Participatory Universe	80
<b>Evolution, Genetics and Epigenetics</b>	<b>105</b>
4 Epigenetics and Generative Dynamics	107
5 Nurturing Nature	141
6 No Genes for Intelligence in the Fluid Genome	165
7 Natural versus Artificial Genetic Modification and Perils of GMOs	197
8 Non-Random Directed Mutations and Quantum Electrodynamics	228
<b>Consciousness and Neuroscience</b>	<b>239</b>
9 The Biology of Free Will	241
10 Quantum Coherence and Conscious Experience	267
11 Why Say “Consciousness”?	285
<b>Art and Science</b>	<b>289</b>
12 Significant Form in Science and Art	291
13 Why Beauty is Truth and Truth Beauty	310

<b>Thermodynamics of Sustainability</b>	<b>325</b>
14 Sustainable Cities as Organisms: A Circular Thermodynamics Perspective	327
<b>Quantum Electrodynamics of Water and Life</b>	<b>347</b>
15 Water the Means, Medium and Message of Life	349
16 Illuminating Water and Life: Essay in Honour of Emilio Del Giudice	371
<b>Fractal Mathematics and the Fabric of Nature</b>	<b>403</b>
17 Story of Phi	405
18 Space-Time is Fractal and Quantum Coherent in the Golden Mean	430
<i>Index</i>	467