

1. Record Nr.	UNINA9910831500803321
Autore	Satsangi Prem Saran
Titolo	Consciousness Studies in Sciences and Humanities : Eastern and Western Perspectives
Pubbl/distr/stampa	Cham : , : Springer International Publishing AG , , 2024 ©2024
ISBN	3-031-13920-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (294 pages)
Collana	Studies in Neuroscience, Consciousness and Spirituality Series ; ; v.8
Altri autori (Persone)	HoratschekAnna-Margaretha SrivastavAnand
Disciplina	126
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Preface -- Comments from the Editor -- Comments on Two Articles Published in Scientific American, July 2022 -- Acknowledgements -- Congratulatory Note of Prem Prashant, President DEI, for Sir Roger Penrose, 2020 Nobel Laureate in Physics -- Contents -- About the Editors -- About the Contributors -- Part I: Introduction -- Consciousness Studies: Which Consciousness? What Studies? -- 1 Which Consciousness? -- 2 What Studies? -- 3 What to Do? -- References -- The Book: Building Bridges - Exposing Gaps -- 1 The Essays -- 1.1 Part I: Introduction -- 1.2 Part II: Models of Consciousness -- 1.3 Part III: Consciousness and Artificial Intelligence -- 1.4 Part IV: Consciousness and the Brain -- 1.5 Part V: Consciousness and the Senses -- 1.6 Part VI: Consciousness and the Intellect -- 1.7 Part VII: Consciousness and Pragmatics -- References -- Part II: Models of Consciousness -- Is "das Geistige" the Basic of the World? -- 1 What Is This Phenomenon, to Which Our Consciousness Belongs? -- 2 So Now Let Us Look at the Quantum Physics That Made Us Recognize These Aspects of Matter During the Last Hundred Years -- 3 Life and the Development of Consciousness -- References -- Consciousness and Implicit Self-Awareness: Eastern and Western Perspectives -- 1 HOT Theory and Some Close Rivals -- 2 Conscious States and Indian Philosophy -- 3 The Regress Threat -- 4 Self and "I" -- 5 Conclusion -- References --

The Case for Panpsychism -- 1 The Essence of Panpsychism -- 2  
Reasons to Believe Panpsychism I: Solving the Hard Problem  
of Consciousness -- 3 Reasons to Believe Panpsychism II: The Intrinsic  
Nature Argument -- 4 But Isn't It Crazy? -- References -- A Many-  
Sided Brain: The Jain Approach to Studying Consciousness -- 1  
Anekantavda (), Sydvda (), and Ahimsa () -- 2  
The Mysterianism Position | Ahimsa.  
3 Anekantavda and Multiple Pathways -- 4 Sydvda  
and the Uncertain Nature of Science -- 4.1 Postscript | Key Excerpts --  
4.2 Jain Theory of Anekantavda -- 4.3 Scientific Uncertainty --  
Sources for Further Reading -- References -- Part III: Consciousness  
and Artificial Intelligence -- On the Non-Computability  
of Consciousness -- 1 Introduction -- 2 Computers  
and Consciousness, a Social View -- 3 Awareness and Memories -- 4  
The Nature of Reality -- 5 Will Computers Be Conscious? -- 6 Big-C  
and the Vedic View -- 7 Creativity and Consciousness -- 8 Discussion  
-- References -- Consciousness and Mathematical Sciences -- 1  
Visiting Mathematics: Is the Human Mind Non-Algorithmic? -- 2 The  
Advent of AlphaGo and Friends -- 3 Mathematics Revisited:  
Consciousness and Topological Graphs, Qudits Modeling, and More --  
4 Experimental Evidences: Scanning the Brain -- References -- The  
Rendered Universe: Why Virtual Reality Unlocks the Secret  
of Consciousness -- 1 The Virtual Brain -- 2 The Virtual Reality  
of Consciousness -- 3 The Multiverse in Less Than Two Inches:  
Exploring Spatial Dimensions in Virtual Reality -- 4 The Physics  
of the Astral Plane -- Sources for Further Reading -- References --  
'Virtue gone nuts': Machine Ethics in Ian McEwan's Machines Like Me  
(2019) -- 1 What Is Ethics? -- 2 The Kantian Robot: Ethical Adam -- 3  
Morality Versus Ethics -- 4 Moralised Ethics -- 5 Conclusion  
and Significance for the Field -- References -- Part IV: Consciousness  
and the Brain -- Consciousness in Human Medicine: Medical Approach  
with the Example of Epilepsy -- 1 Introduction -- 2 Methods  
for Neuroscientific Analyses -- 3 Glasgow Coma Scale After Brain  
Trauma -- 4 Epilepsies and Consciousness -- 5 Most Important  
Laboratory Tool to Measure Epilepsies -- 6 Examples of Epileptic  
Seizures -- 7 Combinations of Methods: EEG-fMRI.  
8 Connectivity Analyses on the Brain by Using Routine EEG Data --  
References -- The Modelling Supremacy of the Topological Graph  
Theoretic Models and Connections to Biology -- 1 Introduction  
to Topological Graph Theory -- 2 Graph Theoretic Quantum System  
Modelling Framework (Srivastava et al. 2016) -- 3 Multi-particle  
Quantum Teleportation -- 4 Topological Quantum Computing  
for Visualization and Understanding of the Multi-particle Quantum  
Teleportation -- 5 Robustness of the n-Qudit Quantum Network  
Against Noise and Decoherence -- 6 Quantum Computation  
in Biological Systems -- 6.1 What Is DNA? -- 6.2 Application -- 6.3  
Information in DNA -- 6.4 Communication Along Chains -- 7  
Conclusions -- References -- Part V: Consciousness and the Senses --  
Sonic Consciousness in Hindu India -- 1 India's Sonic Paradigm:  
An Introduction -- 2 rgadeva's Nda-Brahman and the Yoga  
of Music -- 3 Kallintha's and Tygarja's Nda-Brahman: Sonic  
World View and Musical Deliverance -- 4 Later Developments:  
Yogification and Transnationalization of the Nda-Brahman -- 5  
Concluding Remarks: The Nda-Brahman and the Multiple Forms  
of Sonic Consciousness -- References -- Improvisation  
and Consciousness: Some Recent Links -- References -- Part VI:  
Consciousness and the Intellect -- Beyond Consciousness in Early  
Christian Mysticism -- 1 Gregory of Nyssa: Reaching Out

to the Incomprehensible Divine -- 2 Dionysios Areopagites: "Mystical Ecclesiality" in the Context of Neoplatonic Thought -- References -- Exploring Alternative Realities -- 1 The Alternative Realities of Religion -- 2 Can Alternative Realities Be Trusted? -- 3 The Symbiosis Between the Alternative Realities of Science and Religion -- References -- Reflections on the Rôle of Time in (Astro-) Physics -- 1 Introduction: Consciousness and Time -- 2 The Nature of Time -- 2.1 Time in Newtonian Physics. 2.2 Time in Relativistic Physics -- 2.3 Time in Quantum Physics -- 2.3.1 The Age and Size of the Universe -- 2.3.2 Stellar Evolution in a Nutshell -- 2.3.3 The Arrow of Time -- 2.3.4 Observing Stellar Evolution: Time Traveling ... Sort of -- References -- Cultural Encounters and Indo-German Consciousness: Prince Frederick August of Augustenburg in India -- 1 A Global Biography -- 2 Growing Up During Wartime -- 3 An Amateur-Indologist -- 4 Akbar's Biographer -- Addendum: Seeker of Truth and Ultimate Reality in Radhasoami Faith -- References -- Part VII: Consciousness and Pragmatics -- Complementarity and Quantum Cognition -- 1 Introduction -- 2 Complementarity -- 3 Quantum Cognition -- 4 The Operational Interpretation of Quantum Theory -- 5 Consciousness -- References -- Talking About Consciousness in the Sciences and the Arts -- 1 What's the Problem? A Philosophical Prequel -- 2 Peter Watts' Blindsight: Consciousness Detached -- 3 Kabir's Poems: Consciousness Immersed -- 4 Comparative Synthesis -- 5 First-Person Reports: Consciousness Transformed -- References -- Primary Sources -- Secondary Sources -- Religion, Leadership, and Consciousness: Interactions and Opportunities -- 1 Conscious Leadership -- 2 Religion and Values -- 2.1 Values and Interreligious Relations -- 3 Values and the Secular -- 4 Value-Conscious Leadership -- 5 People-Conscious Leadership -- 6 Implications and Conclusions -- References -- Index.

---