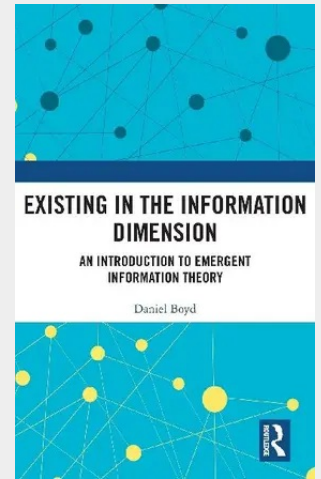


Boyd

Existing in the Information Dimension

An Introduction to Emergent Information Theory

This book presents new insights into the nature of the human mind as a product of the brain. It does so by discussing how biological and technological information systems differ from their counterparts with physical functions, presenting Emergent Information Theory as a solution to the mind-body problem and overarching framework for all biological and technological information systems. Emergent Information Theory is a new theoretical approach to the specific type of information and emergence exploited by biological neural networks and digital systems. One of the conclusions of this theory is that these entities and processes are non-physical and exist in an information dimension connected to but distinct from the three dimensions of physical space. It is in this information dimension that our minds exist, making it ultimately more our home as sentient beings than the physical realm inhabited by our bodies. This book presents existing scientific and philosophical evidence that leads to this conclusion, followed by application of the theory to biological and technological information systems. The author concludes with a call to action for further research. This fascinating text will be of interest to any researcher of consciousness, the mind-body problem, or AI, as well as those working in related areas such as physical neuroscience and systems theory.



196,10 €

196,10 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781032567020

Medium: Buch

ISBN: 978-1-032-56702-0

Verlag: Routledge

Erscheinungstermin: 09.09.2024

Sprache(n): Englisch

Auflage: 1. Auflage 2024

Produktform: Gebunden

Gewicht: 505 g

Seiten: 272

Format (B x H): 161 x 240 mm

