

SISI publications 2020

Burgin, M. *Problem-oriented foundations of intelligence in the context of superintelligence*, Proceedings, 2020, v. 47, No.1, 21, 2 p. ; doi:10.3390/proceedings47010021

Burgin, M. *Discerning Potential and Impact Information*, Proceedings, 2020, v. 47, No.1, 4, 5 p.; doi:10.3390/proceedings47010004

Burgin, M. *Information Processing by Symmetric Inductive Turing Machines*, Proceedings, 2020, v. 47, No.1, 28, 2 p.; doi:10.3390/proceedings47010028

Burgin, M., Eberbach, E. and Mikkilineni, R. *Processing Information in the Clouds*, in Proceedings, 2020, v. 47, No.1, 25, 5 p.; doi:10.3390/proceedings47010025

Burgin, M. and Dodig-Crnković, G. *Modeling Computing Devices and Processes by Information Operators*, Proceedings, 2020, v. 47, No.1, 18, 5 p.; doi:10.3390/proceedings47010018

Burgin, M. and Dodig-Crnkovic, G. *A Multiscale Taxonomy of Information in the World*, in Theoretical Information Studies: Information in the World, World Scientific, New York/London/Singapore, 2020, pp. 3–27

Capuro, R. and Burgin, M. *The Structure of the World, Unity of Nature and the Problem of Time*, in Theoretical Information Studies: Information in the World, World Scientific, New York/London/Singapore, 2020, pp. 139–176

Burgin, M. *Information Processing by Structural Machines*, in Theoretical Information Studies: Information in the World, World Scientific, New York/London/Singapore, 2020, pp. 323–371

Burgin, M. and Dodig-Crnkovic, G. (Eds) ***Theoretical Information Studies: Information in the World***, World Scientific Series in Information Studies: v. 11, World Scientific, New York/London/Singapore, 2020, 532

Burgin, M. and Dodig-Crnkovic, G. *Prolegomena to Operator Theory of Computation*, Information, v. 11, No. 7, 2020, 349; doi:10.3390/info11070349

Burgin, M. and Cárdenas-García, J.F. *A Dialogue Concerning the Essence and Role of Information in the World System*, Information, v. 11, No. 9, 2020, 406

Hofkirchner, W. *A Paradigm Shift for the Great Bifurcation*, BioSystems, v. 197, Nov. 2020, 104193

Hofkirchner, W. *Intelligence, Artificial Intelligence and Wisdom in the Global Sustainable Information Society*, Proceedings, 2020, v. 47, No.1, 39, 4 p.; doi:10.3390/proceedings2020047039