

**ALBEANU Grigore**, *On Computationalism. The Evolution of Scientific and Technical Ideas*

**Abstract**

Computationalism as a way of comprehending knowledge through computing has gone through important stages in the last century and has returned to the present with new computational models and ideas on practical realizability. The paper presents the main directions of evolution of computationalism and the theoretical and practical models elaborated to date.

**Keywords:** *computationalism, neural networks, digital and analog computers, unconventional computers.*

ACM Classification: K.2.