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: AGIRI, CYC, Google, IBM (), LIDA, Nell, Numenta, SNERG Vicarious.
NARS, Novamente, Sentience, SOAR, DAPRA,
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Summary

Snehiriov . The Nonlinear Space of Artificial Intelligence: the Philosophical and Ideological Understanding. *The author from the perspective of a nonlinear prediction methodology reveals the prospects and risks of artificial intelligence. The reasons as the optimistic forecasts and complex threats posed by "horizons" singularity, due to the creation of machine intelligence. Particular attention is paid to the concept of a friendly intelligent machine in terms of intellectual explosion. One of the main factors influencing the relatively stable development of man and social systems is transformational activity, which, as the forms, means and methods of innovation become more complex, gradually turned into technology. Their negentropic potential and technical implementation in various spheres of life since ancient times had a significant impact on the formation of scientific rationality of the modern type, which undoubtedly correlates with the emergence of the information society with its characteristic increase in the role of statistical regularities and the nonlinearity factor. From the middle of the 20th century, science began to play a leading role in the system of social production, and high technology began to claim the role of a new attractor, determining new epistemological vectors and axiological horizons for the development of social systems. But the more complex a social system, the more it is subject to the influence of stochastic factors that create a nonlinear space for further development paths that are formed as a result of the actualization of phase transitions-the forced responses of a nonequilibrium structure to the threat of a decrease in sustainability.*

*In this context, progress is not an end in itself, not of self-imposed value, but acts as a way of preserving a relatively complex integrity. The ways of achieving such a state are nonlinear, since in advance to calculate their number, the degree of determination and danger for any period of time is not possible. The future can become like the "better" of the present in strictly defined parameters, and "worse" in other parameters and technologies, especially science-intensive ones, which can cause an existential crisis of global proportions play a significant role in this sense. Solving some contradictions "launches" a nonlinear chain of many other, new, even more ambiguous problems. In the future this causes the emergence of vectors of evolutionary changes: from more stochastic ("natural") to less probable states. In accordance with the nonlinear model, progress as "removal from the natural niche" means the restoration of the relative stability of the system at an increasingly higher level of disequilibrium. An attempt to philosophical reflection several options disastrous failure, namely the realization of evil and infrastructure redundancy. **Keywords:** artificial intelligence, the singularity, nonlinearity, anthropomorphism, "God in a box," Turing test, the Three Laws of Robotics, "black box", genetic algorithms.*