

**«The unexamined life is
not worth living»
Socrates**

**«The roots of education are bitter, but the fruits is
sweet»
Aristotle**

**Children are like little birds in the nest, feed them, nurture them,
once they grow wings let them fly.
Indian proverb**

The symbiosis of Homo Sapiens and Artificial Intelligence

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THE SYMBIOSIS OF HOMO SAPIENS & ARTIFICIAL INTELLIGENCE

1. The following essential characteristics can be distinguished:

The interrelation of biological and artificial intelligence is the main challenge nowadays.

The problems, scale and speed of changes and innovations are irreversibly global.

in 1946 Albert Einstein, Niels Bohr, Robert Oppenheimer, Leo Szilard and other members of «The Federation of American (Atomic) Scientists» wrote about this in their joint work «One world or None. A Report to the Public on the Full Meaning of the Atomic Bomb».

McGraw-Hill Book, Inc., 1946. <https://oneworld.fas.org/fulltext.pdf>

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Excerpts:

«We have persuaded some of the outstanding scientists associated with the project, as well as top authorities from the political and military fields, to collaborate in writing this book. The remarkable document they have produced presents a rounded discussion on the full meaning and the terrifying dimensions of the bomb's threat to world survival. It warns the public that world control of the atomic bomb is an essential of human survival and hence the responsibility of every citizen.»

«Survival is at Stake

The many-sided nature of the problem of nuclear energy must be clear from the very content of the book. But just as clear is the common framework within which its authors have written:

- ~The problem has brought us to one of the great crises of history.
- ~The problem has moved onto the political plane and will remain there. Science will devise no defense to make the danger go away.
- ~ The problem is a world problem. There can be no merely national solutions.»

Niels Bohr: «...it is evident that the formidable power of destruction that has come within reach of man may become a mortal menace unless human society can adjust itself to the exigencies of the situation. Civilization is presented with a challenge more serious perhaps than ever before, and the fate of humanity will depend on its ability to unite in averting common danger.»

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2. We can have similar worries and write a joint book in the spirit of 1946 about the social consequences of the uncontrolled expansion of artificial intelligence
«The symbiosis of homo sapiens and artificial intelligence, or the human is already superfluous. A Report to the Public on the Full Meaning of Artificial Intelligence»,
counting on the fact that
«world control of the artificial intelligence is an essential of human survival and hence the responsibility of every citizen».

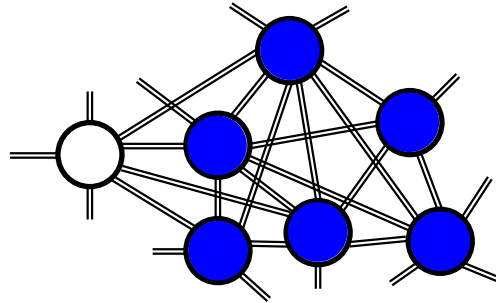
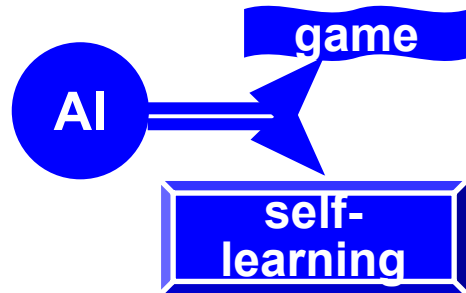
We should start this work from discussing the framework and essence of the ontology of modern education , and on its base in the international team develop the technical task for designing the educational doctrine of the XXI century.

· Clear technical specification is half the success in implementing any new endeavor!

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3. Artificial intelligence can play and learn.

If one machine can do something,
it means, all other machines and elements from the net can do this .



As for homo sapiens, he is not eager to share his secrets with the others, does not like to relearn.

Besides, his learning process is individual and needs a lot of time.

This factor emphasizes the importance of a new approach and new basis for the education of *homo sapiens*,
the new fundamental principle is not in the idea of opposition, but in the idea of their symbiosis!

4. In previous times, the influence of rare, one-time, random breakthroughs of geniuses, was incomparably smaller than the total force of new things influencing life, society, culture and history today.

Earlier centuries should go before the idea of the genius could become widely used.

Today changes and innovations are the elements of daily structures.

**Thank you
for
your attention and patience!**