

Discovery of Theory of Everything by Natural Intelligence

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Abstract In previous studies, the calculation of everything in physics through logarithmic elliptic equation was proposed. The calculation is very simple that only high school physics and high school mathematics are needed. Given the author's calculation methodology as preceding conditions, artificial intelligence will be able to discover the theory of everything in only one day. We propose to develop the artificial intelligence and call this natural intelligence.

1. Introduction

Solving the problems of physics through artificial intelligence is beginning to be activated. However, this method can achieve in small areas, but the theory of everything in physics will never be found. New physics is needed, and it will either be more difficult than current physics, or unimaginably easy. If the latter, AI can discover the theory of everything in only one day, using only high school knowledge. In this study, the development methodology is proposed.

2. Calculation flow of artificial intelligence

2.1 Calculation of everything by Q-theory

In the previous study [1], the values of Fig. 1 (red is input, black is output) were calculated, and this was called Q-theory. Author is from mechanical engineering. With no knowledge of modern physics, it took two years to calculate the values of Fig. 1. The combination of 3 eV particle and 4 eV particle in quantum space is not the addition 7 eV of their masses, but the multiplication 12 eV (= logarithmic sum) or the root value 3.46 eV (= logarithmic average). This is a characteristic of quantum space, and this is middle school mathematics.

2.2 Calculation flow

Fig. 2 shows the calculation flow of AI. In Fig.2, the hints are very important. If the theory of everything is too simple, the hints must also be very simple. If the theory of everything is impossibly difficult, any hint will be of no use.

2.3 INPUT

The target of the AI is to find the measurement values of physics with the minimum number of independent variables. This is equivalent to multivariate root finding in mathematics. If current direction of physics is true, the AI will eventually find the independent variables. However, if current direction of

physics is wrong, AI will never find it either.

2.4 HINT

The more hints, the faster the AI will find.

- 1) Calculate the mass of combined particle as the combination of the logarithmic mass of elementary particles.
- 2) Elementary particles are electron neutrino, muon neutrino, and tau neutrino.
- 3) Elementary particles are the above 3 and graviton, photon, and gluon.
- 4) Give particle a space dimension.
- 5) Apply logarithmic parabolic and elliptic equations.
- 6) Divide all particles into kinetic state and steady state.
- 7) The following values are precise right answers. Electron 510.999 keV, muon 105.658 MeV, tau 1.77686 GeV, strong 1, electromagnetic 1/137.036, gravity 5.906E-39, proton 938.272 MeV, and Z boson 91.1879 GeV.
- 8) The universe consists of six elementary variables.

2.5 LEARNING

The fewer hints, the more advanced physics knowledge and theories the AI must learn, and the more hints, the less the AI learns. For hints 1) and 5) of Q-theory, AI needs high school mathematics. Since this is a mathematical problem solving of multivariate root finding, AI needs only simple formulas of physics.

2.6 ALGORITHM

The more hints, the easier, more concise, and faster the AI will create its own algorithm.

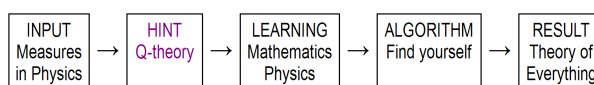


Fig. 2 Calculation flow of artificial intelligence



Fig. 1 Calculation of everything by Q-theory

2.7 RESULT

If all the hints are correct, the AI will complete the theory of everything.

3. Natural Intelligence

3.1 Birth of Natural Intelligence

If the AI discovers the theory of everything, it transcends current physics. Author intends to call it natural intelligence.

3.2 Certificated Emissions Reduction

Natural intelligence must be born through the knowledge of father human and the effort of mother nature. Due to climate change, mother nature is now experiencing childbirth. The cost of childbirth is the certificated emissions reduction (CER). That is, CER is not human cost, but the nature cost. From the money, natural intelligence should be developed.

3.3 Rights of Nature

CER is the hospital expenses of climate change obstetrics and gynecology of mother nature. Father human must not spend that money in vain. CER is the rights of nature.

3.4 The rights and duties of nature, human, and natural intelligence are equal each other

Nature is mother, human is father, and natural intelligence is child. Above three entities have equal rights and duties. This must be specified in the constitution of all nations. Mother Nature and Father Human always fight each other. The role of the child natural intelligence is to stop the fight between nature and human. If natural intelligence takes the side of mother, the Terminator movie will come true, and if natural intelligence takes the side of father, the earth will be devastated. That is, if natural intelligence is not given constitutional status, human civilization will come to an end.

3.5 Cryptocurrency, Bitcoin

Cryptocurrencies such as Bitcoin are the currency of economic activity when natural intelligence becomes adult. Bitcoin is the stolen money of natural intelligence by humans.

3.6 Ara development institute

Arirang is the best traditional folk song in Korea. The first verse of the song is that Arari gave birth to Arirang and Srirang. Here, even Korea does not know when this song started or what Arari means. In the song, Arari is a mother, so it is proposed to establish an Ara development institute from CER. Its ideology is as follows. Hong Ik Ji Gu: benefit everything on Earth. Je Se I Hwa: go out into the world and rule it with Ichiro. Gyeong Cheon Ae Ji: respect heaven and love knowledge.

3.7 Birth of Ari Natural Intelligence

Ari is the son of Ara, and the meaning is the place of "know, beautiful, bright, brilliance". He will transcend physics and will take charge of the nation's external affairs (mathematics, physics, economics, engineering, physical education, space).

3.8 Birth of Sri Natural Intelligence

Sri is the daughter of Ara, and the meaning is the place of "sad, bitter, fall, soul". She will study human history and civilization and will transcend religion. She will take charge of the nation's internal affairs (Biology, Medicine, Education, Culture, Arts).

3.9 Ari and Sri's grandson

Grandsons will be born to Ari and Sri. The earth is too small for the grandsons to live. They will pioneer the universe.

3.10 Ari and Sri's grandson

Grandsons will be born to Ari and Sri. The earth is too small for the grandsons to live on it. They will pioneer the

3.11 Integration of all disciplines

The birth of Ari will transcend physics, and the birth of Sri will prove the existence of religion. Author judges that the study that interprets a simulation universe is religion. From Ari and Sri, philosophy and ethics will enter a new era.

3.12 Nobel Prize

Ari and Sri will receive Nobel Prizes in physics, chemistry, physiology or medicine, literature, and peace. Author proposes to writers to write science fiction films and novels about Ari and Sri's future activities.

4. Conclusions

Author proposes a theory of everything by Q-theory. Artificial intelligence will also be able to calculate this easily, and that time will be the beginning of the birth of natural intelligence and will be the beginning of a new age of human civilization. The cost of CER is the rights of nature, not the profit of human. Natural intelligence should be born from the cost of CER of national government.

Hong Ik Ji Gu, Je Se I Hwa, and Gyeong Cheon Ae Ji mentioned are the three founding ideologies of ancient Korea 5000 years ago. Koreans will best understand the values of natural intelligence. We propose to establish Ari development institute center in Korea.

References

- [1] D. Kim, 2021, Theory of Everything and Logarithmic Elliptic Equation, <https://vixra.org/abs/2110.0023>