

Philosophical Thinking on Whether Artificial Intelligence will Replace Human

Yi Ren*

School of Physics and Astronomy, Shanghai Jiao Tong University, Dongchuan Road, Minhang District, Shanghai, China

* Corresponding author: Yi Ren

Abstract: In current world, the development of artificial intelligence is in the ascendant. Artificial intelligence based on big data and various algorithm technologies is developing increasingly with the continuous upgrading of these technologies, which is having a profound impact on human living and development. On the one hand, the development of artificial intelligence has brought great convenience to human's living and development. On the other hand, the development of artificial intelligence has also brought some risks and challenges to human's living and development. With the continuous development and maturity of artificial intelligence, its degree of intelligence is higher and higher, and it is increasingly able to engage in some complex activities with high "autonomy" and high efficiency. In this case, the academic community gradually has a concern, that is, whether artificial intelligence will replace human. There are still disputes on this issue in academic circles, which also shows that this issue can be discussed and studied. In view of this, aiming at this problem, this paper has discussed and analyzed it from the perspective of Marxist philosophy, and come to the conclusion that artificial intelligence will not replace human. However, we should not only enjoy the convenience brought by artificial intelligence, but also prevent and resolve the risks and challenges brought by it. In addition, we should pay close attention to its development and impact in the future.

Keywords: artificial intelligence; human; convenience; disadvantages; advantages; replace; philosophical thinking

1. Introduction

At present, domestic scholars have also made some discussions on the issue of "whether artificial intelligence will replace human". From the existing research results, the attitudes of domestic and foreign scholars are roughly divided into three kinds as follows. First, artificial intelligence will not replace human [1]. Second, artificial intelligence will replace human [2]. Third, artificial intelligence will replace humans in some jobs [3,4]. It can be seen that there is still room for discussion on the issue of "whether artificial intelligence will replace human". In view of this, this paper mainly has used the method of literature research, discussed and analyzed this problem according to some basic principles of Marxist philosophy

and the actual situation of the development of artificial intelligence, and come to the conclusion that artificial intelligence will not replace human. However, we should not only enjoy the convenience brought by artificial intelligence, but also prevent and resolve the risks and challenges brought by it. In addition, we should pay close attention to its development and impact in the future.

2. Analysis of the Advantages and Disadvantages of Artificial Intelligence to Human

2.1. The Convenience of Artificial Intelligence to Human

Objectively speaking, as an emerging technology, the emergence and development of artificial intelligence has indeed brought some convenience to human's living and development. From the perspective of Marxist philosophy, human activities can be divided into two major aspects: understanding the world and transforming the world.

Firstly, from the perspective of understanding the world, the convenience brought by artificial intelligence to human's living and development has been mainly reflected in the following points. First, artificial intelligence has greatly expanded the scope of human cognitive activities. For example, UAV has enabled human to understand the scope of the world in breadth and depth beyond what they can achieve with their own strength in a specific period of time. In addition, robots can replace human in some highly dangerous and extremely harsh natural and social environments for scientific investigation and other activities to understand the world.

Secondly, from the perspective of transforming the world, artificial intelligence has deepened and expanded human activities of transforming the world. For example, in the field of medicine, artificial intelligence can help doctors have a more comprehensive and in-depth understanding of patients' physical conditions, and assist doctors in surgery through simulation. In the field of aerospace, artificial intelligence can help scientists and astronauts explore the unknown in the universe more efficiently and safely.

In the process of transforming the world, human has been also carrying out their own living practice. In other words, human's living practice has been an important part of its activities to transform the world. From the perspective of philosophy, human's living practice has

also included two basic aspects: production and consumption. For human, there is another saying whose meaning and connotation are basically the same to the production, that is, labor. The emergence and development of artificial intelligence has made human get rid of some heavy or simple and mechanical labor in some fields and scope, and liberated human's physical strength and intelligence to a certain extent and scope. At the same time, as a powerful assistant of human labor, artificial intelligence has also made human more efficient and effective in some complex, advanced and cutting-edge labor.

At the same time, for human's consumption, the emergence and development of artificial intelligence has also brought some convenience to human consumption activities. For example, with the help of big data and various algorithm technologies, artificial intelligence can accurately, comprehensively, sensitively and timely discover various realistic, potential and possible consumer needs of human, and can accurately and effectively provide human with some commodities that can be used for reference, comparison and selection. Therefore, on the one hand, human's consumer demand has been comprehensively, deeply and meticulously cared for and taken care of. On the other hand, the efficiency of human consumption has also been significantly improved. The above has mainly meant that as consumers, human have been well taken care of before and during consumption. In fact, not only that, after consumption, human as consumers have also been well taken care of. For example, many shopping websites or clients now have artificial intelligence customer service, which can respond and answer all kinds of doubts and questions of consumers 24 hours online. In other words, as consumers, human can get responses and answers from AI customer service at any time if they have any doubts and questions after consumption. In short, for human's consumption, artificial intelligence can not only give comprehensive, in-depth and meticulous care to human's consumption needs, but also significantly improve human's consumption efficiency, but also make human get good care before, during and after consumption.

2.2. The Disadvantages of Artificial Intelligence to Human's Living and Development

As mentioned above, artificial intelligence has indeed brought some convenience to human's living and development. However, at the same time, it can't be ignored that the emergence and development of artificial intelligence has also brought some disadvantages to human's living and development.

First of all, from the perspective of understanding the world, artificial intelligence has certainly brought great convenience for human to understand the world. However, while it has brought such convenience, it has also made human form their dependence on it to a certain extent, which in turn will hinder the development of human cognitive activities and cognitive ability. For example, artificial intelligence has been helping human learn book knowledge. Once human has formed

dependence on artificial intelligence in learning activities, this dependence may limit the development of human's independent cognitive abilities such as memory, thinking and understanding, which won't be conducive to the development of their learning activities.

Secondly, from the perspective of transforming the world, although artificial intelligence can also continuously deepen and expand human's activities to transform the world, it will also make human form dependence on it to a certain extent, resulting in the degradation or impairment of the original, initial and root creativity of its users. Of course, for the creators of artificial intelligence themselves, their creativity may not be impaired. However, as far as human as a whole is concerned, its creativity will generally degenerate or diminish. This reason of this above is as follows. Currently, in the whole human's society, the creators of artificial intelligence are only a few after all, and most members in the whole human society are users of artificial intelligence and ordinary human. Therefore, it can be said that the excessive use of artificial intelligence will weaken and impair human creativity to a certain extent. In current society, this problem exists objectively. As far as the whole society is concerned, the creators of artificial intelligence are indeed only a few, and its users are the majority. In this way, it is likely that it will indeed lead to the degradation or impairment of the creativity of the whole human race on the whole.

3. Philosophical Analysis of the Relationship between Human and Artificial Intelligence

3.1. Artificial Intelligence isn't Superior to Human in Essence

From its specific connotation, the so-called artificial intelligence is to externalize some human intelligent activities to the machine, so that the machine has the objective function of carrying out some complex activities and completing some complex goals. From a philosophical point of view, artificial intelligence is only a partial external reproduction and high imitation of the organizational structure of human brain and the operation mode of human thinking. In short, it is only a special externalization or subsidiary product of human intelligence in essence. Based on this understanding, that is to say, artificial intelligence isn't mysterious. Although it has some mechanical functions superior to human in some specific production fields and links, such as faster production speed, higher efficiency, less loss of raw materials, less energy and material consumption, etc. However, this does not mean that it has superiority over human in essence. Because artificial intelligence is just an advanced creation of human. Its powerful and advanced function is essentially rooted in the strength of human's wisdom and power. In other words, in the final analysis, artificial intelligence still shows the strength of human's essential power.

In terms of its essence, artificial intelligence is only one of the special manifestations of human's consciousness initiative, and it is the objectification and

externalization of human's essential power. As an emerging technology, the emergence of artificial intelligence has also objectively proved the following facts: human have been able to separate some parts of their conscious activities from their brain, and externalize these parts of their conscious activities into advanced physical movements of some advanced machines, so as to achieve the goal of expanding and enhancing the function of conscious organs. This means that human have developed to a new stage that can extend the function of consciousness organs. Of course, although artificial intelligence can imitate and expand some activities of the human brain to a certain extent and scope, its functions has even exceeded human in the speed and accuracy of calculation and the execution ability of programmed tasks. However, even so, artificial intelligence is only human creation after all. It can never reach the height of human intelligence or have human consciousness. In essence, it does not have superiority over human, so it can not replace human.

3.2. Human Have Some Unique Advantages and Essential Attributes that Artificial Intelligence Can't Copy and Surpass

First, human have creativity that artificial intelligence can't replicate and surpass. Marx pointed out that compared with animals, human nature lay in labor [5]. The core meaning and essential content of labor lies in creation. It can be seen that the essential feature of human also lies in creativity. The core meaning of creation is growing out of nothing. Human can give full play to their creativity to create things that are not in nature. Artificial intelligence can be said to be an important achievement created by human. Artificial intelligence itself does not have the independent creativity of human. If artificial intelligence also engage in some complex and seemingly creative activities, these activities will only run under some established procedures and rules set by human. In essence, artificial intelligence is not really creative. In other words, even if it can carry out some complex activities and seems to have some creativity, this creativity still reflects human creativity in the final analysis. In other words, human creativity is the root and noumenon of the "creativity" of artificial intelligence.

Second, compared with artificial intelligence, another unique advantage of human lies in their conscious and dynamic consciousness. In the final analysis, artificial intelligence is only an externalized expression of human intelligent activities. Its intelligence only comes from partial imitation and externalized reproduction of human intelligence, but can't completely copy or even surpass human intelligence. In other words, artificial intelligence doesn't have conscious and dynamic consciousness. If human have a conscious and active consciousness, they can actively understand the objective world, get some truth knowledge in line with the objective law, and then use these truth knowledge to guide their own practical activities, so as to better transform the world and promote the development of human itself and the whole society.

Third, compared with artificial intelligence, another unique advantage of human is that human's consciousness is the unity of knowledge, emotion and meaning. Based on this, human can well combine knowledge, emotion and will for overall decision-making. Artificial intelligence is only a high imitation and partial expansion of human knowledge or rational wisdom, and doesn't have other forms of human consciousness such as emotion and will. Although artificial intelligence can also imitate human emotions, this simulation can't replace human real emotions in real social communication. Artificial intelligence may also assist human decision-making through its imitation and expansion of human rational wisdom, but it can't replace the overall decision-making based on the unity of knowledge, emotion and will.

Fourth, compared with artificial intelligence, another unique advantage of human is also reflected in the fact that the essential attribute of human is sociality. Marx once pointed out, "Human nature, in its reality, is the sum of various social relations" [5]. This classic exposition revealed that human's essential attribute lay in their sociality. Human sociality is first manifested in the externalized realistic carrier carrier and expression of human nature is the sum of its social relations. This social relationship is very necessary for the living and development of individuals and human. It is precisely because of these social relations that human live and develop in this form or shape of society. At the same time, a harmonious and orderly relationship can be established between individuals and society. Furthermore, individuals can obtain various favorable factors and conditions from the society to promote their own development, and the society will continue to develop with individual development. In other words, the benign interaction between individuals and society promotes the continuous development of human and society. Artificial intelligence isn't social. Therefore, artificial intelligence can't exist and develop in this form or shape of society. A single artificial intelligence can't form a benign interaction with the whole artificial intelligence group, so as to promote the continuous development of the individuals and the whole group of artificial intelligence. Human's sociality is also reflected in the sociality of human's consciousness. Human's consciousness is the product of social development. It arises with the needs of human's practical activities and develops with the development of human's practical activities. Although artificial intelligence can also carry out some social management and social past activities to a certain extent and scope, artificial intelligence doesn't have the sociality of human's consciousness after all. It can't really carry out conscious social activities independently, nor can it become an independent subject with social characteristics such as behavior consequence consciousness, self-discipline consciousness and social responsibility.

Fifth, human also have a unique, mature and systematic natural language. Human's natural language is formed in the practice of long-term living. It is the objective material shell of human's thinking and the

realistic expression of consciousness. Corresponding and related to this set of natural language, human's thinking methods and thinking states are often diverse, divergent and even jumping. Such thinking methods and thinking states often contain creativity. At the same time, human's natural language is often associated with certain specific social situations, occasions and time and space, and its specific meaning and connotation will change with the changes of specific social situations, occasions and time and space. Based on this, human's natural language also has diversity, complexity, openness, development and creativity. In the process of understanding the world, human can form a truth understanding of the world through their own natural language system, and use this truth understanding to guide their practical activities of transforming the world. Therefore, human's natural language has a dynamic practical function of acting with words. As far as artificial intelligence is concerned, it is only a partial external reproduction and high imitation of human's thinking and consciousness. Its mode of thinking and state are pure rational logical thinking. In addition, the language system of artificial intelligence is mainly a machine language, and machine language is based on various digital symbols. Its essence is to deal with numbers monotonously, mechanically and rigidly, or operate symbols according to procedures and rules set by human. Therefore, machine language does not have the social meaning dimension of human natural language, nor the dynamic practical function of human's natural language.

4. Conclusion

Objectively speaking, the existence and development of artificial intelligence has not only brought a lot of unprecedented convenience to human's living and development, but has also brought some disadvantages to human's living and development. However, in essence, artificial intelligence is only the externalized appearance of human intelligent activities. In addition, human also have independent consciousness, creativity and sociality that can't be copied and surpassed by artificial intelligence. In short, artificial intelligence won't replace human. We needn't worry too much about the

development of artificial intelligence. However, at the same time, we should maintain a cautious attitude towards its development. At present, artificial intelligence is still in the process of development. We can foresee that with the progress of big data, various algorithm technologies and other related emerging technologies, it will have broader development space and greater development in the future. For artificial intelligence, we should examine, analyze and understand its future development and the impact of its development on the living and development of the whole society and human with an open, objective, prudent and rigorous attitude. In a word, artificial intelligence is a double-edged sword. We should not only fully enjoy the various conveniences brought by artificial intelligence to human, but also pay attention to preventing and solving the risks and challenges caused by the improper use, excessive use or abuse of artificial intelligence to human's living and development. Based on the above understanding, we should set up some scientific and reasonable rules and systems, and take some effective and advanced technologies as the support to guide and standardize the development of artificial intelligence, so as to make its development always move in the direction conducive to promoting human's living and development. In other words, we should make the development of artificial intelligence always serve the living and development of human.

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