

The Profound Impact On Human Society of the Development of Social (Home) Service Robot and Their Industries

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Abstract

This paper discusses the inevitability of the birth and industry formation of social (family) service robots from the background that the human social communication, information exchange and control into the era of real-time high-speed, big data and highly artificial intelligence; Two kinds of robots, educational robots (network) and family service robots, how do their influence on human social education and family life, especially on human sexual needs; possible ways of influencing human life extension and human evolution by; and the corresponding change of the moral concept of human society. Key words Social (family) service robots, educational robots (network) and family service robots, the impact on human education, the impact on sexual needs, the change of human fertility model, the possibility of conscious evolution, the change of social ethics and moral concepts

Introduction

Since the human social communication, information exchange and control into the era of real-time high-speed, big data and highly artificial intelligence, the ideas came into being which let some simple mechanical repetitive work without high intelligence over to the intelligent robots to liberate human power and let them to engage in more creative social work; This is the basic motivation for the birth of social service robots; So far, intelligent robots have been applied in many social fields, such as reception and service robots, automatic driving of relatively fixed routes, etc., all of which are quite mature technologies; With the in-depth development of intelligent robot industry, educational robot (network), home service robot will also gradually develop and enter the social service field.

Intelligent Education Robot (Network)

As a teacher who has been engaged in education for more than half a century, I am well aware of the plight and pain of students who have no place to ask questions when Learning. Nowadays, with the development of robot AI technology, educational robots can help students to learn and answer their questions. It will be of great help to students' learning. We should make serious efforts to create a good learning environment for generation after generation of young people in China -- to build an educational robot network infrastructure for the whole society.

The educational robot we are talking about here has the following main characteristics:

(1) It is an educational robot with a relatively fixed position; In the classroom, or around the classroom, or inside the school area.

Its main function is to provide the education level of the school located (divided into primary school, junior high school, etc.) included teaching and answering questions of all subjects of the education content, and the corresponding level of science, culture, art, education, puzzle games and other educational content required by students or teachers or school authorities. These educational content, should be subject to the state relevant departments (including public opinion supervision, national education supervision department) strict supervision. It can greatly improve the influence of correct and scientific education under the leadership of the Communist Party of China and the guidance of Marxism on the Chinese young generation after generation; And greatly reduce the hostile forces (including all the enemies at home and abroad) infiltration, damage and interference to Chinese youth education through the network. This is the most important and significant political and social effect after the completion of educational robot network infrastructure! It will certainly have far-reaching historical influence on the great rejuvenation of the Chinese nation!

(2) A robot can provide 4-6 interactive interfaces and interact with 4-6 groups of students at the same time; Complete the corresponding teaching service activities; One robot can meet the needs of 12-18 students at the same time. According to a class of 50 students, 50-60% of the students require robot teaching

consultation; Three robots in one class can meet daily needs.

(3) According to preliminary estimates, there are more than 200 million primary and secondary school students in China. If 50 students are counted in a class, there are more than 4 million classes and at least 12 million robots are needed. There are 3 robots in each class counting about 600,000 yuan, (according to the current highest configuration of CPU and related special architecture, protection device; Estimated the purchase of software right to use and educational content copyright); Nationwide, it is an industrial chain of more than 2.4 trillion yuan! It shall, under the leadership of the relevant departments of The State Council, carry out cooperation and cooperation with relevant parties and all parts of the country, and gradually complete the nationwide implementation of educational robot network infrastructure projects; The required funds can be financed by the cooperation of students and countries according to certain arrangements (twenty-four thousand RMB for each student according to the number of students; Divided by the number of years of study, the annual burden is actually not large; It can be easily solved by students themselves, the community and the state.)

(4) Development of industries related to educational robot network infrastructure. The first is the development of communication terminals that can directly communicate with robot's network.

By developing a mobile terminal that can communicate directly with our educational robot network, each student has one (and each teacher has one). So that every student, no matter when and where, can learn useful knowledge from our robot terminal, play useful games, and through the robot intelligent control, the students' game time could be controlled easily; It is of great benefit to students' learning and healthy growth. In addition, students can also be directly connected to the teacher's personal terminal through the intelligent switching function of the robot, so that students can consult the teacher at any time; (Of course, considering the teacher's rest and working hours, the robot can intelligently inform the students who actively call the teacher at that time, so as to determine whether the teacher can answer the student's request.)

The terminals, of course, have to go through a public wireless carrier channel, but because of the special channel (just not a normal cell phone), they can only connect and communicate with the robot network of the student's school, and mainly be traffic), and it is compulsory education or high school education communication, can, of course, should also be from operators - or through the government regulatory communication coordination or legislation - get the best price, (or, the traffic is on the parents' mobile phones, and give discount as much as possible), to reduce the financial burden on students' learning.

Assuming that each student (and teacher) is equipped with a mobile terminal customized according to our special requirements, the minimum estimate of each mobile terminal is 1000 yuan (since this mobile terminal is not an ordinary mobile phone, the price of 1000 yuan should be able to achieve the required functions), this market is another industrial chain of at least 200 billion yuan!

(5) Development of cultural industry related to education of primary and secondary school students

With the educational robot network infrastructure, there is a specific network platform for providing excellent cultural and educational content to primary and secondary school students; For example, various forms of excellent traditional culture, various puzzle games, various training methods of scientific thinking, various excellent ideological achievements in human history, the development history of various nations in the world and its historical lessons, etc., can be embedded in the robot database, allowing students to learn and think; Of course, it can greatly promote their growth and success, and can better inherit the fine tradition of Chinese culture and absorb the excellent achievements of human civilization. Here, the social significance of improving the soft power of student culture as a whole is far greater than the economic benefits caused by the cultural industry! This is also the more far-reaching social effect that this project can cause! Economically, the development of cultural industry is at least an industry chain of more than 100 billion yuan.

After the education robot network infrastructure is built, Chinese students will not only accept lectures of the teachers in class, but also have robot tutoring and answering questions. (Since the robot is placed in the classroom, the video of the teacher's class can be recorded so that students can retrieve the robot after class and continue to listen to the teacher's class). With a specific mobile terminal, students can get more help in learning anytime and anywhere, and they can grasp knowledge, learn skills and master scientific thinking faster; Moreover, the robot also has a large number of other learning content, puzzle games, that make the young people be able better inherit the fine tradition of Chinese culture and absorb the excellent achievements of human civilization from the cultural tradition; So that the young generations of China will grow stronger and achieve the great rejuvenation of the Chinese nation!

Home Service Robot

A household service robot is a robot that can provide a variety of household services, including sex, such as cleaning, cooking and other household chores. These functional robots can be divided into different individuals and types of robots. Under the condition of full development of AI technology, they can also be integrated into a highly intelligent robot to complete various necessary functions.

In terms of function, the intelligent requirements of cleaning service are the lowest. The cooking service is more demanding; Because it also has to consider the user's personalized requirements; Sex robots are probably the most intelligent; In addition to the harsh requirements of simulating living people on hardware, there must be a real-time monitoring and response mechanism for users; So, initially, it makes sense to separate robots for general household services from those for sex. But in the end it's best to combine the two; Because to reach such a stage, the family has such a robot, is equivalent to marrying back a robot wife (husband), can not only complete a variety of household chores, according to the householder's set requirements to cook meals, but also meet the householder's sexual requirements (and

may be more interesting than real people); The head of a household could live a “family life” without actually marrying; When to replace the robot wife (husband) with the real wife (husband), that depends on fate; Under current social conditions, it is a good deal to trade the social cost of marrying a wife or husband for a highly intelligent robot companion; Therefore, once developed, there will be no worry about the market for home service robots with sexual services; This is another big area for robot development.

This is also a possible pattern of human life under the condition of highly developed AI home service robots, and may be the pattern chosen by a large number of people! Don't you see, at present, according to statistics, in European countries where sexual services are legal, male clients have a tendency to choose female robots as their trading partners rather than real people! Therefore, it can be predicted that under the condition of the full development of home service robots, a large part of the human population, who choose to form a “family” with intelligent robot partners, will not be a minority; Even after a real love, married with a real person, live a real family life; The original robot companion can still serve as a primary provider of domestic services and occasional sexual supplement.

The conclusion is that home service robots with sex are a promising robotics industry that needs to be developed soon; And its development will certainly provide another possible new way for human social life and have a brand new and profound impact on human social life.

Possible New Birth Patterns

Human beings have successfully developed artificial uterus, and has been able to successfully conceive a baby; With the increasing development and progress of technology, human beings get rid of the pain of pregnancy for ten months, the large-scale use of artificial uterus to carry out fertility mode, will occupy an increasing share in the future.

In terms of fertilized eggs, the technology of artificial insemination by using test tubes is more mature than that of artificial uterus; In the case of a sex service robot, it is easy to collect semen from a man using a simple technology. It is difficult to collect female eggs, but if the human society agrees that the evolution of human beings requires a thorough and serious study of the genetic map of all living humans, the voluntary collection of eggs for scientific research will become a common action of human beings.

And for the conscious evolution of human beings, the combination of all kinds of sperm and eggs together, through the cultivation of artificial uterus, and form a new human individual, so as to study their entire development process and all kinds of new performance of matured human individuals in order to provide various brand new ways for the conscious evolution of human beings! At this time, it is possible to emerge a new human fertility model, that is, with a variety of possible ways of cooperation (such as gene complementing each other, strengthening each other, focusing on the enhancement of certain skills, etc.), sperm and egg together (can be prior to the social department to seek the consent of sperm owner and egg owner; Consenting to be the

father and mother of the new individual, albeit without the usual sexual union), through artificial insemination of the egg, the cultivation of artificial womb, and form the new human individual. At this point, the individual's father and mother are selected to be bonded by evolutionary rules but without the usual course of conjugal intercourse; Under that new technological and social conditions, it is entirely possible to appear a brand new fertility model for the conscious evolution of human beings.

Of course, the newly generated social individuals must be brought up and educated by certain social institutions and departments according to the overall arrangement of the society. For the healthy development of newborn children, it is necessary for adults to take on the role of parents to teach them as a supplement to institutional education; The preference is to seek the wishes of their biological parents (the providers of sperm and eggs), if they are willing to take on the role of real parents, preferably not enough. If they do not want to, they can be undertaken by relevant social organizations, applicants or volunteers. In short, to ensure the healthy growth of newborn children as the ultimate goal!

Along with the emergence of this new fertility model comes a series of moral and ethical concepts that human beings need to change.

First of all, all members of the society must establish the idea that for the conscious evolution of human beings and under the overall arrangement of the society, all their biological information resources should be open to the relevant social authorities, as the object of social evolution research;

Secondly, they should actively participate in the social discussion on the direction of human conscious evolution, and choose the direction they are willing to participate in and actively contribute their own resources; (e.g., participating in evolutionary research projects on complementary, enhanced or hybrid types).

Thirdly, all members of the society must establish the social consciousness that they should bear all the responsibility of social reproduction and education actively, and promote the great cause of human conscious evolution actively.

Of course, there will be many members of society who still live their lives according to the traditional model of social reproduction; But they also have to adapt to other people's reproductive patterns in the new society; And actively participate in the process of conscious human evolution.

Conclusion

Human society has entered a new era of self-conscious development, and the highly developed information and AI artificial intelligence technology has provided a broader development and living space for human beings in education, social and family life; The development of education and family service (including sex service) robots will have a profound impact on the continuation of human life and education, which may give rise to a series of new life patterns and fertility patterns and cause people a series of ideological and moral concept change; In the new era of rapid development of molecular biology and genetic en-

gineering, conscious evolution of human beings has begun to put on the agenda of human development, and the emergence of human new life mode provides a good application conditions for its development; The complementarity of the two may be the beginning of a truly conscious human development; People should start from developing two kinds of robots--education and family service robots, to promote the human society to free "family life", conscious reproduction and consciously promote the development of human beings to the direction of favorable evolution. As human society enters the era of self-conscious development, human beings will certainly enter a new develop-

ment process of self-conscious development and self-conscious evolution! [1,2].

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