

The Construction of Emotion Teaching Environment of Virtual Reality Technology in the Network Environment

Liu Qin

Shandong Institute of Commerce & Technology, Jinan Shandong 250103, China

ABSTRACT. *At present, the network environment is relatively mechanized and lack of human feelings, so we have carried out profound research and Discussion on this situation. This essay has put emotional education into the education mode under the network environment, and deeply discussed the necessity of emotional education and the main significance of the existence of emotional education. From some life angles, it has also analyzed the education link under the network virtual, At the same time, it establishes the realistic problems about the virtual world and analyzes the technical core of the virtual environment.*

KEYWORDS: *Emotional education, Virtual reality, Interaction, Situation*

1. Introduction

The progress of the times is inseparable from the development of science. Therefore, if we want to master the development speed of information technology, we must understand the existence value and significance of technology in society. At the same time, network information education is also a skill which must be mastered in modern society. The field of information technology is also an important sign of information society. Based on the traditional education mode, we have also adopted scientific network education means, which has improved the previous education level and results. Thus, network education is the spiritual pillar of a new learning system, which not only marks the development of society, but also promotes the learning efficiency of students. Besides, it also reduces the workload of educators to a certain extent Compared with the traditional teaching. The network teaching is different from the previous learning methods, which improves the students' enthusiasm for learning, reduces the tediousness of the traditional education means. It not only increases the students' cognition of science and technology, but also promotes the development of the education industry. Modern learning mode has more modern characteristics, which can highlight the important significance of network technology vividly, and can also analyze the problems existing in some education industries according to the actual situation, making up for the regret of traditional teaching, and at the same time, it has carried out a profound analysis and discussion on network information technology.

2. The Meaning of Virtual Reality Technology

Modern society needs is also constantly updated modern technology. Now there are many virtual trend technologies, such as new science fiction technology, virtual reality technology and so on in recent years, which is also called virtual reality situation. For the country, it also called Virtual Reality, referred to VR for short. It is based on the previous pictures, combined with the science and technology of electronic computer, the simulated network technology to simulate some real scenes. The picture effect can be comparable to the actual effect, and the simulated pictures are close to the reality. Now the application situation is very considerable. VR technology has been widely used in the practical sense. In some industries and fields, it has also existed for a period of time. Of course, due to the different development of the industry, the use of VR technology is also different, and the degree of importance is different.

3. Advantages of Virtual Reality Technology in Emotional Education

3.1 Immersive Characteristics of Virtual Reality Technology Are Easy to Cause Students

Emotion is a reaction of behavior perception after receiving information, so the expression of emotion is not only affected by its own factors, but also by external factors. The reason why online emotion teaching is carried

out is that this teaching mode can properly arouse students' enthusiasm for learning, cultivate students' emotions, and correctly simulate the emotional changes between people. Therefore, the network emotion teaching for the people now, also has the inevitable practical significance. We can not only construct a variety of three-dimensional situations, but also achieve the positive role of inspiring emotion at the same time.

Virtual reality technology has a lot of important practical significance. The specific situation will be introduced in detail in the next article. In addition, virtual reality technology is widely used in life. At the same time, virtual reality technology can also be used to build a lot of ideal teaching environment, and reasonable comparative analysis of different teaching environment can be better through network technology, so that it could create the dangerous environment that is not easy to touch in ordinary life and the simulation environment that does not exist in reality, to model from an ideal point of view, to do some teaching content that cannot be realized can be rationalized through the network reality technology, to realize people's yearning for the unknown, the desire for knowledge, to mobilize students' interest in learning, and to inspire their enthusiasm for learning Love, strengthen students' own ability.

3.2 The Characteristics of Virtual Reality Technology Interaction is Easy to Realize the Emotional Integration of Teachers and Students

The reason why virtual reality technology is adopted is that it can well strengthen the emotional communication between teachers and students, and easily cause emotional resonance. At the same time, it can also carry out effective emotional teaching in such a virtual learning environment, strengthen students' cognition of their own emotions, strengthen the emotional interaction between people, and promote the cooperation between people, or improve the efficiency of communication between each other. In addition, in the teaching process of network reality technology, we prefer interactive learning, which is also a more feasible mode that can promote the learning effect. Through the interaction and exchange, we can better promote the specific implementation of virtual reality technology.

3.3 The Characteristics of Virtual Reality Technology Are Easy to Enrich Students' Emotional Experience

In the process of teaching, using virtual reality technology in teaching can promote students' emotional experience. Because emotional experience is a series of reactions when people do some things and activities, only the feelings of the learners through their own experience can thoroughly feel the emotional causes in the virtual world in practice, so the emotion produced by the way of network teaching technology is more conducive to the emotional experience of students. Not only can enrich their own feelings, but also can set reasonable goals for their own emotions. Using the virtual occurrence to set and conceive the occurrence of emotions is helpful to develop students' emotional world.

At the same time, in the emotional education of network technology, the virtual reality technology can also be used to objectively reflect the objective phenomenon and the overall change of things as well as the process of change, master all the processes in the virtual world, record and discuss as a case, and reasonably set the character image through all the information collected by itself, so as to be more realistic. All abstractions of the objective world, through the construction of emotion, students' emotion can be stimulated.

In addition, there are several characteristics, that is, people can also use the existing virtual reality technology to reasonably arrange and construct the scenes they are yearning for. Therefore, virtual reality technology can promote students' thinking development and exercise, enable students to maintain a positive learning attitude in the process of learning, and better experience virtual reality .

Reasonable use of virtual reality technology can not only make students realize the idealized conception, but also enrich their emotional world and develop their interest in learning. It can also properly cultivate students' self-confidence and their own emotional cognition.

4. The Construction of Emotional Teaching Environment

4.1 System Structure of Emotional Teaching Environment

Through the understanding of network technology, it is found that the network emotional teaching environment is a real but virtual teaching environment, as long as it consists of several parts, the specific situation is as follows:

Interaction layer: first of all, the main role of network emotional teaching is to provide users with a more ideal communication environment, and provide users with a better learning environment, which can use the network platform to build virtual interaction of characters, emotional communication and exchange.

Service layer: in addition to the components described above, there is also a more practical layer, that is, the service layer, which is also the environment engine in the network technology, and is a main foundation to drive the emotional teaching. As for the network teaching mode, the intelligent teachers and intelligent students involved are all a kind of simulation construction of the ideal teaching.

Communication layer: the main responsibility of the communication layer is to connect the entity relationship in the virtual environment and play a grafting role.

4.2 Key Technologies in Virtual Teaching Environment

After a series of studies, it is found that under the virtual teaching environment, the actual emotional teaching is a phenomenon of cognition and subjective response to some behaviors.

(1) The structure of emotional intelligent teacher system

In the process of virtual network emotion teaching, teachers are a kind of virtual existence, so we call them intelligent teachers. They are a combination of virtual human and agent. They can process the collected information and simulate the real characters. Emotion teaching is actually a kind of chemical reaction reflected from the behavior analysis of virtual environment, which becomes a kind of chemical reaction Emotional response. Through the way of network virtual teaching, we can also make many changes, increase or decrease in the virtual situation.

(2) Structure of emotional intelligence student system

The ultimate beneficiary of virtual environment education is emotional intelligent students, that is, the combination of virtual characters and functional agents. Through the collection and classification of information in virtual environment, after processing, and giving appropriate feedback, a series of comparative combination of learning objectives should be made, and finally the supporting role of network technology should be realized.

4.3 Development Platform Based on Active Words

For the current situation, there are many software development platforms, which realize the reasonable technical education in the virtual environment. Thus, it can be seen that virtual reality technology has a great utilization rate, and can be widely used, such development platforms also have a lot of. Some development platforms have very important modeling functions, which can not only promote the effectiveness of technology. Completion can also better promote the collaborative relationship of each model, and to a certain extent, it improves the work efficiency of the real technology. In this aspect, it is worth advocating. In the process of virtual modeling, it can highlight all the advantages of network technology in the whole team's cooperation, and promote the emotional education input of the virtual world.

(1) Active words can also support many modeling functions, including the modeling of mountain roads and rivers. Support some three-dimensional modeling, and also support the modeling of characters. The fundamental significance of modeling is to promote the real teaching environment. Users can use some of the current modeling tools to build a good, reasonable virtual construction of the real environment. In addition, it also supports a variety of modeling, that is, the above -mentioned road modeling hills and rivers, which provides the necessary conditions for the actual construction of teaching scenes.

(2) In addition, the development of the software also supports the real user experience to a certain extent. It can make virtual modeling of the characters around itself, collect the characteristics of the characters, make the composition of the modeling, and achieve the real display of the characters in the network technology. Increase the practicability of network education, close the relationship between scholars and teachers, and do a good job in emotional integration.

(3) Highly interactive support

Active Worlds is a network technology with good interaction, which can support a variety of programming methods. In addition, developers can realize people's yearning for the virtual world according to the programming of scripts, so that people can enjoy all the work needed in the free virtual world, truly and experience the experience of being in the real world, and at the same time, they can also have a good experience

of active The development software provided by worlds captures some special situations and emergencies in the virtual world, and as a teaching case, timely records some anthropomorphic scenes in the virtual world, which shortens the sense of distance between users and promotes the emotional education of network technology.

5. Conclusion

Emotional input in the network environment is a very critical existence. The generation of emotion is due to the relationship reaction between people or things, which is a positive emotional response. When people's supervisor needs are met, then there will be a satisfied emotion between people and things, which is called emotion. Now we can create an ideal learning environment for some learning through virtual reality technology, and achieve better learning experience effect on the way of network information technology development. With the development of the society, we need to constantly improve our technological deficiencies. In the continuous progress, we need to change the traditional thinking, break the shackles and limitations, and make more important basic conditions for the emotional input under the network environment, so as to make the network emotional education a necessary trend for the development of our education industry.

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