

Application of the Western Art form Based on Artificial Intelligence

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ABSTRACT: *The western artistic school understands the world through its form of expression, images creation from the consciousness which induces illusion, deal with concretion through decomposition, synthesis, overlap, art cross thinking. The ancient Greek architecture also embodies the Western entity view of the universe. The Greek Temple Temple balanced proportion, harmony, hierarchy, rhythm reflects a form of beauty. It reflects capricious progress; The art school devolution from classical to modern, based on the objectives, from concretion, impression to abstract art expression, artificial intelligence deepen the objective, scientific, rational and Artie exploration, less considering the unity of formation and content of the art in exploring the breakthrough, but the transcend mechanism itself will continuing to research in the art field because of art nature, It will prompts the rationalization of western art in convergence and development constantly. The geographical and cultural differences, the existence of Eastern countries and Western countries so that no matter what kind of art form, there are many different places, with floral, Oriental and Western style compared to flower flower, there is obvious difference and feature.*

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1. Introduction

In aesthetics, literary and art criticism in history, no one can be like the concept of “form” so widely used, no one can be like the concept of “form” that had caused so much ambiguity. It is defined as or elements of beauty and art, or is defined as simple operation technique; it is sometimes regarded as the essence of art and beauty or body, and are sometimes disparaged as of little importance dependency, appearance or packaging this indicates the importance of formal concept how to aesthetics and arts, but also that the concept of a thorough cleaning is not essential. The focus of this paper is through analysis using artificial intelligence techniques of Western art form in the field application, analysis of the western art form in the artificial intelligence

technology support by showing the artistic characteristics and various expression, then summarizes the design idea of western art form. Literary criticism refers to a certain cultural background, the use of certain views on literature, literary works, literary thoughts, do discussion literary movement and other literary phenomena, analysis and evaluation. Is a part of literature. In recent years, artificial intelligence from all walks of life to the surge of interest, since 2011, the development of artificial intelligence and related products and technology and the commercial company has received more than \$2 billion in venture capital, and technology giants is investing billions of dollars to acquire those Stuart. Artificial intelligence related coverage, and large investment. The computer leads to unemployment and other issues have begun to emerge, people are more intelligent than a computer and a threat to human survival this kind of judgment is by the media quoted around and caused widespread concern. It takes literary works as the main object, with literary appreciation as the basis, in accordance with the characteristics and rules literature, sociology of literature and art, psychology, analysis and evaluation of many aspects of aesthetics. The essence of literary and art criticism is aesthetic. It is with the artistic prosperity and development deepening, in turn to literary creation. We hope to get more understanding of Sterno art form through the study of this paper. We also wish more and more excellent design work to bring pleasant user experience through our effort during the exploration progress of western art creation [1].

2. Materials and Methods

2.1 The Impedance of Combination on Art and Technology

In the current academic research, due to the refinement of the professional division of labor, the experts in various fields has been very careful, fairly mature research results, to find not reclamation of virgin land in their repeated cultivated land, is a very difficult thing. In the west history of the rise of arts discipline, the scope of the study, to discuss the issue of methodology, reflect on more than and 100 years of traditional art historians. In this context, the English national history of art popular in the field of critical concern to the traditional German art history, the Coventry of attention with Lee Angel, Panoply etc.. The western art form based on artificial intelligence integrates both arts and technology, they are indispensable[2]. But designers know little of this today, technicians are lack of aesthetic and creative ability since no Artie background. It is not advantage for developing of western art form[3]. When a designer does not care about the relevant technology, does not know what level the technology can achieve, he will rarely to take this initiative advance technology into the arts, so in western art form field, the Gray Coll Talent which mean the talent has ability both on technology and arts is particularly important, this is why the designers need improve their artistic accomplishment in mean while to enhance their technology learning [4]. One is in the form of internal structure, content and relations; two is the external form, the external form of the composition of the material by means of artistic image to convey. In any art works, in the form and form are combined together, it is only through the art form, the content of works of Art can be performance art form with meaning, nationality, age, characteristics of variability. Elements of the artistic form of art language structure, style, performance practices, and so on. The following figure is the western art form of the relevant figure.



Figure 1. Effect of color image pattern

2.2 Fully Express Artists' Imagination and Creativity

The creation and expression of art digital image provides a broad platform for artists[5]. Here there is no limitation of time and space, RGB makes the visual feast, TV-Spectacles become possible due to its colorful bugging model, today, it is more mature and variety for decampment of artificial intelligence, under the support of different areas, there will be an environment “nothing is impossible”[6]. it is a great Challenger for artists to create the in ovation environment, artists need break the inherent creative mind and take his advantage of his own imagination and creativity to create a unique outstanding works[7]. As shown in Figure 2.

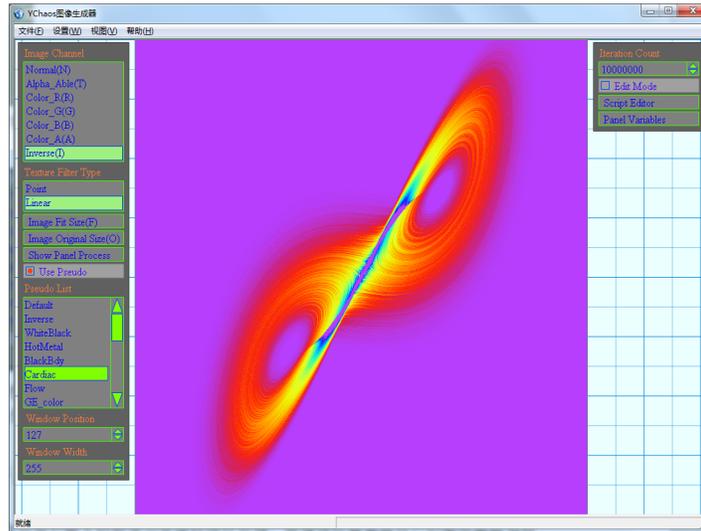


Figure 2. Effect of color image pattern

Not all cognitive technique has such a remarkable development. Machine translation had certain development, but is very small. A survey found that from 2009 to 2009, the accuracy of the Arabic translation to English only increased by 13%. Although the technology is not perfect, but they have been able to affect the workings of a professional body. As the technology improvement and improve, also in the range of technology application is widening. For example, in terms of speech recognition, machine used to need lots of training to narrowly identified in limited vocabulary, by speech recognition technology extension medical application is difficult to be really popular. Now, every month has one million times of voice search on the Internet. Many professional translator rely on machine translation improve accuracy, and give some general translation machines, their focus on more challenging tasks. Many companies are trying hard to cognitive technology for further research and development, and gradually turn it into a more products especially in the enterprise product, for enterprise users to buy and deployment.

2.3 Attention to the Combination of Visual Effect and Cultural Feature

The western art form integrate mufti-aspect of artistic express into one, its special RGB color image and its digital form create a colorful and fantastic world, art forms application industry is expanding, enriching all the time, with its thrilling plot, fantastic visual image, novel materials, interaction techies, popgun music delude the audience to folly[8]. For example, the same content can take different forms in certain circumstances, art forms of inheritance and so on in the development of art. The measure of a work of art artistic achievements, not only depends on the content, but also to see whether the form fully shows. Art forms are constantly changing to an. According to the content of art artists are always changing, inherit and reform the traditional art form, the creation of a new form of art and adapt to the new content, so as to create a distinct spirit of the times and wealth in the form of beauty and excellent works of art. In the process of establishing the video, the producer of information Kurosawa for different area of the unit, called the visual elements, the elements are arranged to form video entries have the meaning, put on the carrier, in order to achieve information transmission[9]. As the basic visual elements, visual point, line, surface, body in visual communication the application of the technique in the design and creation of various styles, to make them more fully, more appropriately designed to serve the theme and content, we must dig and abstract in the visual elements of the design complete package experience and real time interaction design is certainly a major breakthrough in the art world, it can be forgotten, abandoned after appreciating the art work only for its shocking Vesuvius effect but not touch audience' hearts[10]. So planing

a wonderful story material is very important, a work can become immortal masterpiece if we equally care about designing plot of story and visual effect in application of western art [11].

3. Results

3.1 Expressing Combination of Variety of Art Forms

Western art forms combines traditional art form with landscape sculpture and architecture, expands the application of traditional western art form field, enhances expression of landscape sculpture in arts, it put image, photograph, text to the arts carrier through the electrode-optic image, it helps to present the inheritance of the traditional art for adding new elements, new scheme in art work[12]. An artistic entity is applied in the form of a western art increases the sense of image space, to compensate for the shortcomings of present digital images of two-dimensional; digital image art for the real art brought presents dynamic, add a visual spectacle. Designers also pay more attention to the integration and penetration of physical art and virtual art, and pay attention to the exchange and interaction between the art and the public. The use of artificial intelligence technology and digital image art, making traditional art presentation is more complex, promoting the new development of the traditional art and Western art form of presentation is becoming richer , more dynamic and diverse. This rich, innovation, humanities of art shocked audience’ visual impact, cater to modern peoples’ aesthetic view[13]. In the mean while, the involvement of the artificial intelligence make audience obtain good interactive experience in dialogues, they will get more realistic feelings, the audiences can appreciate of art and visual sense simultaneously, they can get temporary relief and relax [14].

Here we take the naked eye 3D stage show and other interactive programs to analyze (Fig.2). This stage uses a variety of media tools combined with Western art forms and artificial intelligence technology to show a good applications, the audience got a wonderland of experience, it can be said to be a magical visual journey. Aesthetic image material and particle effects create a magical environment, coupled with the actor’s performance and sound production to create a fantasy, aesthetic and stunning effect, which is not achieved by performing alone[15]. Special stage, costumes, props, and the beautiful artistic performances of the actors and the gorgeous stage lighting and image make people feel the “Amanda” in Wonderland again. Here the western art form, actor performances, stage lighting, music and other aspects are not isolated, but combined together organically to create such colorful art [16].

3.2 To Show Through the Combination of Computer and Other Related Equipment

The application of the western art form is a kind of dynamic art with time and electronic properties. Computer network, refers to multiple computers with independent function in different locations and the external devices connected by communication

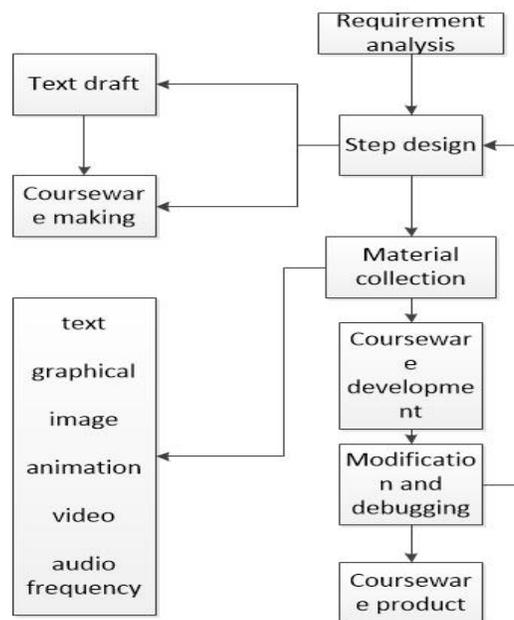


Figure 3. Development process

lines[17]. In the network operating system, management and coordination of network management software and network communication protocol, the computer system to realize resource sharing and information transfer. The computer uses its powerful computing function to make the digital image art and the processing in later stage[18]. So the computer plays a decisive role in the production and development of digital video art. Today, the production of digital video art related hardware, software has been developed relatively mature.[19] If it is used for editing and synthesis of technology for 3D, 2D and rendering technology, so the western art form of flexibility in the use of time and space greatly more than the traditional art, so did the performance of the continuous enhancement. Here artists can change the dynamic image of space and time according to their own subjective design, to play their own imagination, these intelligent software greatly enrich the theme and content of image art. In addition with the peripheral devices such as computer display, projector, LED and other display devices, mobile phones and other mobile terminals so that the application of the western art forms are no longer limited to the network, As shown in Figure 3. Digital image art can be better combined with other forms of art, applications extended to public art fields, the field of architecture, interior decoration and so on, to create more fantasy art effect play greater role [20].

4. Conclusion

In summary, based on the artificial intelligence technology, digital image art application has very high technical level, to achieve in-depth analysis of its characteristics, we must have professional, extensive learning and research in the art science and computer fields, due to ebullition of the knowledge, this article would focus on the analysis of the artistic aspect rather than the technical level, so the analysis is not comprehensive. Artificial intelligence is a challenging science, engaged in the work of the people must understand the computer knowledge, psychology and philosophy. The content of Arts cannot do without art form, and art also cannot do without art. No form content, no content form. Generally speaking, art content decides the form of art, the art form of art, and with the development of artistic content. But the art form can be counterproductive in art content, perfect display can both contribute to the artistic content, full performance can also hinder the artistic content, effectively play the social function of art influence. Artificial intelligence is very extensive including science, which is composed of different areas, such as machine learning, computer vision and so on, in general, a major goal of artificial intelligence research is the machines can do some usually require human intelligence to complete the complex work. The form is the content elements refer to things and phenomena of the organization structure and external form of artistic form and artistic content. Simultaneously, it refers to the organizational structure of the internal and external works of art forms and artistic means. Elements of the artistic form of art language structure, style, performance practices, and so on. In our view of art, this paper analyzes the application of digital image art based on artificial intelligence technology, we hope our little effort will help this new industry.

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