

Study on the Characteristics and Classification of Artistic Portrait Photography

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Abstract: Photography is an art, and the history of the development of photography art is a history in which technology and art go hand in hand. Among them, portraits are the most important subjects in early photography, which is related to the strong desire of human beings to record their own images, in order to further study the content of portrait photography. Therefore, the author studies the characteristics and classification of artistic portrait photography. The research found that with the advancement of the times and the development of technology, various art schools were born, and the real-life technology of portrait photography was more and more sought after, especially in the era of reading pictures, art portrait photography is more satisfying people's spiritual needs. In addition, due to the emergence of digital photography, portrait photography has become an indispensable expression of artistic expression.

1. Introduction

With the development of photography technology, photography is no longer just a technology. It is an art form like painting, music, poetry, etc. [1]. The art of photography is "using the camera as a basic tool, shooting people or scenes according to the creative concept, and then processing through the darkroom process to create a visual artistic image, reflecting social life and natural phenomena, and expressing the author's thoughts and emotions. An art style [2]. "In addition to the gestures that conflict with the requirements of photography, the pose of portrait photography does not have certain norms and standards, that is, the pose of a portrait can be based on his personality to the customer (the subject). Understand and make arrangements. Photography is based on the face of a person, focusing on the expression of the character [3]. Usually, any camera and lens can take portraits, but the effect of different cameras and lenses will be very different. Camera selection, of course, is superior to the single-mirror camera and card machine [4]. Therefore, an excellent documentary portrait photography should not only truly reflect the external morphological characteristics of the main characters, but also show the inner psychological, emotional and personality characteristics of the characters. The discussion of photographic classification is a very important and basic content in the construction of photographic theory [5]. It is a new perspective and a powerful attempt to rethink and investigate the basic concepts of photography theory from the perspective of classification, which can clear up the origin and the logical relationship [6].

Image culture has become the mainstream form of culture in today's image-reading era, which has a far-reaching impact on people. The advantage of zoom lens for portrait shooting is that it is convenient to take a view and composition, but the image quality of "dog head" is inferior to that of "bull head" and fixed focus [7]. Humanistic photography is based on the figure of the person and the additional activity or the additional activity of the object as the main body, to show the character's attitude in a specific environment and the state of the activities they engage in [8]. The arrangement of the posture of portrait art photography must pay attention to the harmony and unity of the composition of the photographic picture and the photographic intention [9]. As a modern art, photography art is the most popular art in plastic arts, not only for professional photographers. Moreover, it is shared with the masses of the people. Almost every family has a camera. When people go out for a trip, photography is also a must-have event. Some people even say ridiculously: "Chinese outbound travel is a photography." Among them, portrait photography is an important branch that is well known. Whether in the early stage of photography development or in the digital imaging era, the status of portrait photography is irreplaceable [10]. Of course, modern digital

cameras are no longer processed by the darkroom process, but are handled directly by electronic computers. Regarding the shooting environment of portrait photography, both portrait and human activities are photographed in both indoor and outdoor environments.

2. Art portrait photography overview

When talking about art photography, some people who don't understand often think that art photography is the art of taking pictures. For the majority of photographers, mastering the categories of photographic art and the main features of each category is essential for taking good pictures. Close-up portrait art photography, usually capturing the part that best reveals the inner activity of the person - the eye. The eyes are the windows of the soul. The shooting angle includes both the shooting direction and the shooting height. The choice of shooting angle is very important in character photography. Different shooting angles have different effects on the image and posture of the subject. The vivid expression of the expression plays a key role in the whole photo. As the famous French photographer Brassé said: "I don't use my camera to comment, but to look at different people through the camera and condense them on the negatives. Photography is the foundation of image culture, and the construction of photography theory is of great value to the study of image culture. Because compared with some paintings, music, poetry and so on, its content is not an Abstract concept, but actually exists in reality. With the guarantee of technology, human beings can move forward to a higher cultural level. Photographers can not only objectively record cultural phenomena, but also subjectively follow their own wishes to create and express different opinions. In order to make the close-up image plane composition dynamic, the head can be slightly tilted or turned to the side. The eyes can face up to the lens or look at the front of the head.

For on-the-spot portrait photography, the photographer needs to have an observation and comprehension ability different from that of ordinary people, and is good at discovering the bright spot of things, namely, recording value. The principles of metaphysical knowledge (including not only axioms but also basic concepts) must therefore not come from experience. Because it must not be physical (physical) knowledge, but metaphysical knowledge, that is, knowledge beyond experience. It may seem common to many people, but by recording it from another angle with a camera, unexpected results can be achieved. The upturned pat will lengthen the face into a regular triangle and make it easy to see the nostrils. Care should be taken to avoid it. When taking a full-length image, a low-pitched shot will make the subject's body shorter, and the up-and-shoot will make the subject's legs slender, the waist and legs thicker, and the head smaller. After the material needs are met, people naturally begin to yearn for spiritual life. With the rise of various studios and the launch of various self-timer devices, people are increasingly inseparable from photography and want to make more beautiful and more personalized photos. Therefore, in artistic portrait photography, the hands and arms should be carefully arranged, and usually corners or straight lines should be avoided. In her work, the expression of the character is no longer sluggish, but it shows a feeling of painting, which makes people like photography have a certain artistic function in addition to practical functions.

Portrait photography is divided into portrait photography and human photography. Prepare well before shooting, and adjust the aperture, speed, sensitivity, white balance and other factors according to the on-site light source and environmental conditions. It is necessary to have the hard work of the handheld camera to ensure that the camera is absolutely stable, because the street beats are mostly snap shots, "stealing" shots, and there is no condition for you to support the tripod. It is usually shot with a smooth, side, and side backlight. Since photography is an "imported product", the in-depth understanding of the naming of photography needs to involve two factors: one is the understanding of the historical background of photography naming, and the other is the combining of the Chinese translation of the naming of photography. However, with the deepening of photography practice, a variety of "photographic behaviors" continue to occur, so the corresponding naming has appeared, such as Portrait Photography, Scenic Photography, High-Art Photography (High-art Photography) and so on. The so-called art photography is relative to those photography categories

that do not end with artistic aesthetics. Although it is not a compulsory subject for photography majors, it is closely related to photography. Long ago, portrait photography was exclusive to nobles, and expensive photographic equipment and photographic paper were not affordable to ordinary people. Driven by the new lifestyle and modern consumption concept, people have a new understanding of portrait photography. Portrait photography should pay attention to the choice of environment. It is appropriate to have a beautiful and fresh environment which is closely related to the character, occupation, interest and so on.

3. Characteristics and Classification of Artistic Portrait Photography

People's photography is also called "like photography" and "character photography". As its name implies, it takes people as the main body of photography, which is also the most common form of mass photography. To this day, people's desire has not been weakened by the popularity of digital cameras, because people always want to find a way to retain the fleeting image in front of them. The invention of photography has turned people's interest from painting to photography. Family reunion, friends reunion, classmates reunion, graduation photos, wedding photos, commemorative photos and so on. There are so many things to enumerate. Good works are always lasting and refreshing. They can make people relive the past and enjoy it endlessly. With the acceleration of people's life rhythm, communication between people is reduced, and human feelings are becoming weaker and weaker. In this case, if the photographer wants to make his own work different and attract the attention of the audience, he should create a scene full of humanity and full of stories. According to the subject classification, there are people photography, landscape photography, still life photography, etc.; according to the function of the work, there are news photography, document photography, commercial photography, etc., it is difficult to exhaust. At the same time, American photographer Newman's "environmental portrait" photography appeared, which placed people in specific life or work scenes. With the development and evolution of photography for more than one hundred years, portrait photography has occupied the dominant position of acquiring images with its powerful vitality and fast communication means.

Comprehensive judgment is an expansive judgment conclusion, which goes beyond the concept of "documentary photography" and involves the concept of "non-documentary photography". Fig. 1 is an illustration of the framework of the photographic classification system.

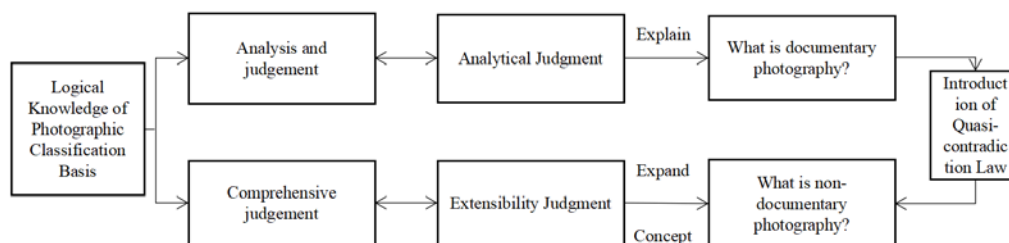


Fig.1. Illustration of the Logical Basis of the Photographic Classification Architecture

Portrait is the main subject of early photography, which stems from the strong desire of humans to record their own images. The core of expression is the eyes, the eyes are known as the "window of the soul", that is, the human eye is the display of the inner world. Even those who are very heartfelt and good at hiding their feelings, their emotions and sorrows will reveal information from their eyes. People will look forward to it, and they will have a heart rhythm in their eyes. The inner activity of a character is most easily revealed from the eyes. It can be said that photography is painted with light, and photography is inseparable from light. In portrait photography, whether it is shot outdoors or indoors, the choice and use of light has a great influence on the performance of all aspects of the subject. The purpose of classification is to highlight the characteristics of photographic works, facilitate readers to analyze and distinguish more thoroughly and clearly, and also benefit photographers to realize their conscious pursuit of photography. Because of the limitations of technical conditions, early photography can be divided into two categories: one is

street portraits, or posing, or snapping, which shows the relationship between the characters and the environment or the times, and the protagonists are mostly street people. The second type is indoor portraits, which are often dignitaries. Most of their photos are without smiles and rigid expressions, but such photos can be used to prove their identity. In addition to the eyes, facial expression is also crucial, usually with a smile, which is why people often shout "eggplant" when taking photos.

Photography has gone through the birth period, the initial period and the classical period, and then entered the transition period in the late 19th century and the early 20th century. Since the 1920s, modern photography has come to the fore. Its representative and American photographer, Stiglitz, advocates instant photography and abandons the way of intervening and manipulating scenes and characters. Although portrait photography is a static art, it should show the movement in a static way, that is, at the intersection of the movement and the quiet, grasp the instantaneous expression of the characters and express the eternity in an instant. For example, if you look far away and have a higher viewpoint, you will show joy and optimism; if you look closer and your viewpoint is down, you will show a deep and thoughtful mind. Famous photographers abroad pay great attention to the role of hands in portraying characters. To be sensitive, you need to respond quickly when you find the subject matter. Of course, different angles can take pictures of different creative and different effects, which cannot be uniform. Horizontal angle is the common angle of comparative insurance. We often hear the phrase "Eternal is eternal", which is the effect that a good snap can produce. It can be seen that even if this classification is not marked, the audience can understand at a glance. There are more and more excellent photographers who shoot fashion portraits and celebrity portraits, and photographers can be known in the widest range of channels in the shortest possible time. Today, portrait photography is still one of the main areas in which photographers display their talents.

4. Conclusion

Artistic portrait photography is a combination of art and portrait photography. Human art has a history of thousands of years of development, and photography technology was born more than 100 years. Therefore, artistic portrait photography is a fusion of ancient and modern. Life photography targets events that express relationships between people, between people and the environment, and between society. In some modern photographers or Abstract photography works, most of the blanks are left to the audience to think, but only a small space for the characters, such works are not without. In addition, when taking half-body photographs, especially close-ups, asymmetrical or square and chubby faces on both sides of the face should be avoided from shooting frontally, and slightly sideways or better-looking side of the face should be selected for shooting. Today, it has an impact on the real society. Tomorrow, it can also be used as a historical witness to influence our future generations. In a word, we should rethink and sort out the concept of photography beyond the Abstract level of concrete images, and put forward new ideas on photography classification. However, whether the viewpoint is correct or not still needs to be further explored and tested by practice. Through the study of the course of artistic portrait photography, people can get a deeper understanding of its subtle influence on real social life. Artistic portrait photography really decorates people's lives.

References

- [1] Matzen K, Cohen M F, Evans B, et al. Low-cost 360 stereo photography and video capture[J]. *ACM Transactions on Graphics*, 2017, 36(4):1-12.
- [2] Andreassen L M, Hallgeir Elvehøy, Bjarne Kjølmoen. Using aerial photography to study glacier changes in Norway[J]. *Annals of Glaciology*, 2017, 34(1):343-348.
- [3] Xing H Z, Zhang Q B, Braithwaite C H, et al. High-Speed Photography and Digital Optical Measurement Techniques for Geomaterials: Fundamentals and Applications[J]. *Rock Mechanics and Rock Engineering*, 2017, 50(6):1611-1659.

- [4] Casassa G, Smith K, Rivera, Andrés, et al. Inventory of glaciers in isla Riesco, Patagonia, Chile, based on aerial photography and satellite imagery[J]. *Annals of Glaciology*, 2002, 34(1):373-378.
- [5] Vogels M F A, Jong S M D, Sterk G, et al. Agricultural cropland mapping using black-and-white aerial photography, Object-Based Image Analysis and Random Forests[J]. *International Journal of Applied Earth Observation & Geoinformation*, 2017, 54:114-123.
- [6] Pimentel R, Herrero J, María José Polo. Subgrid parameterization of snow distribution at a Mediterranean site using terrestrial photography[J]. *Hydrology and Earth System Sciences*, 2017, 21(2):805-820.
- [7] M?ller, Frank. Witnessing violence through photography[J]. *Global Discourse*, 2017:1-18.
- [8] Lisle, Debbie. Witnessing violence through photography: a reply[J]. *Global Discourse*, 2017:1-3.
- [9] Kakoulli I, Radpour R, Lin Y, et al. Application of forensic photography for the detection and mapping of Egyptian blue and madder lake in Hellenistic polychrome terracottas based on their photophysical properties[J]. *Dyes and Pigments*, 2017, 136:104-115.
- [10] Schwartz S E, Huang D, Vladutescu D V. High-resolution photography of clouds from the surface: Retrieval of optical depth of thin clouds down to centimeter scales[J]. *Journal of Geophysical Research: Atmospheres*, 2017, 122(5):2898-2928.