

Research on the Application and Trend of Fabric Reconstruction in Contemporary Costume Teaching

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Abstract: With the development of human civilization, clothing is no longer limited to functional satisfaction. People try their best to wrap their bodies with various materials to make them more beautiful. The appearance of clothing is highlighted in the constant change of style, with style as the leading factor, and the matching of fabric decoration and clothing style forms the characteristics of clothing in a certain era. As a kind of garment fabrics of secondary reconstruction design, the use of a variety of handicraft techniques, such as traditional process design hand, method color change, give the secondary reconstruction of garment fabrics with a variety of visual changes, new fabric texture, a distinct tactile shape. The rich and profound artistic language of contemporary designers in the form of artistic expression, combined with deep design concepts and texture of fabrics, bring a good trend to the development of contemporary fashion design. Firstly, this paper gives a brief introduction to the clothing fabric recycling design in fashion design, and expounds the current situation and development trend of clothing fabric recycling design in contemporary fashion design, as well as the application of clothing fabric recycling in contemporary fashion design.

1. Introduction

With the rapid development of modern technology and culture, people's requirements for clothing personality are getting higher and higher, which shows more colorful clothing appearance through the change of designer's reconstruction. At the same time, it also contains the characteristics and meanings of aesthetics, culture and fashion [1-3]. The change of modern clothing design is new, and the selection and application of materials and processing changes often play a vital role, especially with the reorganization of fabrics and the addition and integration of accessories, which is an important way to achieve design diversification [4-6]. The redesign of the fabric is not only a simple change of the style of the fabric, but a cultural phenomenon that reflects modern life, because people now have the idea of not wanting to "crash the shirt" [7-8]. Textile fabrics, as the carrier of clothing, play a vital role in the expressive force of clothing. Nowadays, textile fabrics are undergoing a transformation. Designers make fabrics present distinctive sensory vision through ingenious craftsmanship and texture effect, which is defined as fabric reengineering design [9-10]. The original intention of fabric reengineering design is to re-create fabrics based on the understanding of textile fiber properties, change the original characteristics of fabrics, and create a more strong personality characteristics of the appearance.

2. Discussion on the Re-Creation of Apparel Fabrics in Clothing Teaching

2.1 Teaching Status and Problems of Fabric Reconstruction.

The teaching of fabric re-engineering courses in major universities in China is mainly based on theoretical teaching and practical operation. Multimedia classrooms and laboratories are fixed places for students to learn.

In the classroom, the teacher teaches the theory, the students listen to the design principles, and look at the design pictures; in the laboratory, the teacher teaches the theory, the students listen to the craftsmanship, and then practice. The seemingly reasonable teaching method only grasps the

theoretical learning and practical operation methods, neglects the cultivation of students' design thinking, and despise the combination of fabric re-engineering and clothing. In addition, from the perspective of the students as a whole, the students in the school are “post-90s”, and most of the students who study fashion design are art students. Some students are unconstrained, have their own personality characteristics, have a weak sense of self-control, are keen on electronic products, and are not good at hands-on operation. In class teaching, their performance usually has three aspects:

First, the class will watch mobile phones from time to time, and will be attracted by SMS, WeChat, QQ, mobile games, etc. Second, during the listening process, some students will come out from time to time. Mobile phone photo and video, eliminating the process of taking notes, but it does not have a good grasp of knowledge; Third, the operation class is slow to dare to do it, the reason is that some students did not understand the teaching content, do not know how to operate. They flipped through their mobile phones to watch photos or short videos and learn while doing.

2.2 Principles of Fabric Reconstruction.

Fabric art reengineering is an art creation process full of comprehensive thinking. In the process of design, we should explore and create around the overall style of clothing, so as to achieve the harmony and unity of clothing design and the inherent quality of fabric. In the process of art reconstruction of clothing fabrics, the following design principles should be grasped first. Firstly, in the second design of fabrics, the basic rules and rules of clothing design should be followed to embody the function of clothing.

This is the most important design principle for the artistic reconstruction of clothing fabrics. As the art reconstruction of clothing fabrics is subordinate to clothing, no matter what kind of art reconstruction of clothing fabrics, the practical functions of clothing itself, wearing objects, suitable environment, style and other factors should be taken into account. In the whole design process, the design principle should be to embody or emphasize the function of clothing. Secondly, the reconstructed clothing fabrics should embody the properties and technological characteristics of the fabrics, and adapt to the overall style of the clothing.

The artistic reconstruction of clothing fabrics must be based on the feasibility of realizing the artistic effect of the fabrics themselves and the technological characteristics. All kinds of fabrics and fabrics have specific attributes and characteristics. In the process of art reconstruction of clothing fabrics, we should give full play to the advantages of fabrics and techniques to show the most suitable artistic effect.

2.3 Characteristics of Fabric Reconstruction.

In the pursuit of personality and fashion today, the fresh and unique appearance texture effect of fabrics has become a new bright spot of modern textile fabrics. However, the use of texture change as a pure decorative expression is so rich, so skilled, and become the focus of attention of designers and consumers is a major feature of fabric decoration in our era.

The application of fabric reconstruction techniques makes the original simple and subtle texture changes more vivid and three-dimensional, with intuitive artistic appeal. In addition, the continuation and innovation of traditional handicraft technology intervenes in fabric reconstruction. With its strong sense of history, unique and novel visual appeal, affinity and non-repeatability, mass-produced fabrics have more humanized and wonderful visual texture effect, which adds different artistic expression to modern textile fabrics and meets the individual needs of consumers.

3. The Status Quo and Development Trend of Apparel Fabric Reconstruction

3.1 Current Situation of Clothing Fabric Reengineering Design in Contemporary Fashion Design.

As early as 1701 AD to 1800 AD, fabric design has begun to attract attention, and then lead the fashion trend. At present, in view of the significance of fabric renovation or innovation to the design performance and development of textiles and apparel products, the relevant domestic research and

development institutions have launched a certain degree of Applied Research on fabric renovation. Up to now, the exploration and development of modern tie-dyeing technology, three-dimensional memory molding, digital technology and other special processes in China have made considerable progress.

In the textile and apparel industry, the application of "fabric recycling" technology and technology has become an indispensable means to express the new style of apparel. It is of great significance to promote product development and market popularity, and therefore has attracted special attention. The discussion on the design method and technological means of fabric reengineering undoubtedly provides a certain principle, method and practical basis for increasing the added value of traditional fabrics, and also becomes a new topic in the industry. Many enterprises engaged in yarn, fabric production, clothing and jewelry development are also trying to find new design breakthroughs in increasing the artistic and creative performance of fabrics. In recent years, more and more enterprises, in order to achieve the great development of their product market, have also made some impact on innovative development, as shown in Figure 1.

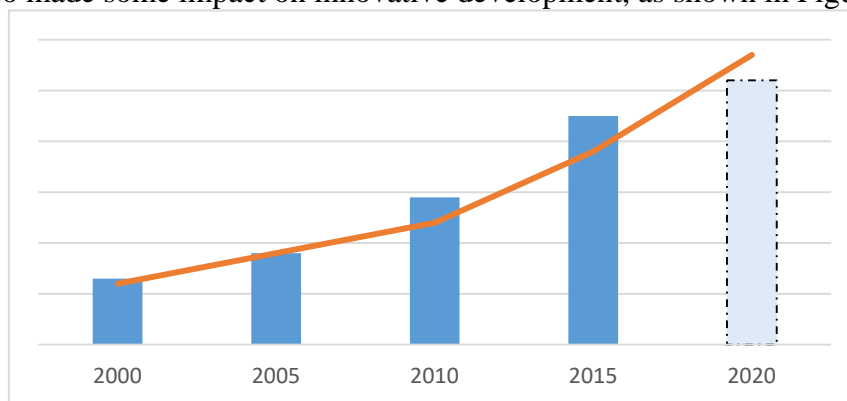


Figure 1. Trends in clothing fabric design

3.2 Visual Performance Trends of Fabric Remanufacturing Design.

Fabric re-creation is a novel decorative fabric designed by designers who do not satisfy existing fabrics. It is a special expression of the fabric design method, which involves a wide range of fabrics, commonly used fabrics, new materials, accessories and special materials. In short, all materials that may be designed into clothing may become design elements in fabric re-engineering. The nature of the fabrics is different, resulting in different visual styles. The clothing designed by common clothing materials is a universal traditional clothing, which reflects the public's psychology of dressing aesthetics.

In clothing psychology, one of the people's dressing motives is to love beauty, using clothing to decorate and show that they are different. When people agree that a certain fabric is most suitable for a certain kind of clothing, then this kind of beauty will become Fixed number. People's aesthetics of clothing will change with the trend. What clothing is popular in any era, what kind of clothing is worn, and even the trend of a certain era is driven by the beauty of materials. Commonly used visual phenomena are presented in style. The vast majority of fabrics are designed to be popular, and a small number of fabrics are designed for special clothing. Human emotions are expressed in psychology. According to people's social needs, they are divided into three forms: morality, rationality and aesthetics.

The painter can paint the emotion on the painting and release the inner attachment in the artwork. The costume designer expresses the emotion in the costume design and reflects his aesthetic concept in the costume work. Under the influence of modern art, the artistic emotions that designers want to express are characterized by individuality, so as to satisfy people's intoxication of aesthetic vision.

3.3 Development Trend of Fabric Reengineering Design in the Future.

Whether from the development of clothing industry or home textile industry, whether from the

perspective of artistic innovation or from the perspective of daily practice, the design of fabrics and materials is the current mainstream design direction. Therefore, for designers, it is particularly important to grasp the development trend of current clothing fabric reengineering, and choose the appropriate technology and skills of fabric reengineering around the overall style of clothing design. For example, from the traditional handicraft decoration design to the combination of traditional decoration and large-scale mechanized production. Hand-made decorative design plays an important role in the development of human clothing history. Before the large-scale production of mechanization, we used traditional handicraft as the decorative means of fabric reengineering for thousands of years.

But with the invention of new technologies and machines, more and more new fabrics have been produced, such as optical fiber material, which can release other materials. There is no gorgeous and charming luster; at the same time, there are more and more technological means of modern fabric transformation, such as computer embroidery, digital printing and so on. Both traditional and modern ways of modification can be used in combination as long as they are designed to meet the needs.

4. The Application of Clothing Fabric Reconstruction in Clothing Teaching

4.1 Application of Clothing Teaching Methods in Fabric Reconstruction.

The teaching emphasizes the theory and practice, and adopts different teaching methods and methods according to the characteristics of each individual.

It fully exerts the independence and connection of various teachings and establishes a brand-new teaching mode that breaks the traditional teaching concept. In the teaching process, students are the center, and the knowledge, skills, and emotions are integrated into the teaching tasks. The emphasis is on establishing students' psychological characteristics and stimulating students' interest and interest by establishing and accomplishing goals. Students are the center of the teaching process and discuss and plan in the form of a group. Students should finally express their design ideas in a complete rendering.

The conception process is a comprehensive expression of multiple thoughts. The conception of the image is used as a starting point to experience the conceptual process from the inductive recording of the image to the physical production. The collected pictures are analyzed and summarized, and the inspiration of the design is sought. Then, the various methods of fabric reconstruction are used to imitate the image, and the shapes, colors, textures and the like in the material are expressed through the fabric reconstruction process, thereby reproducing the image. Reflecting visual impressions, tactile feelings and psychological feelings. Through the method of decomposition and reconstruction, the texture and style of the existing fabrics are changed to create a new visual effect and exhibit new features.

If the multi-layer fabrics are interspersed with each other, a mesh, hollow, transparent or translucent material is placed on the surface layer, and the underlying material is exposed to the surface to form a three-dimensional or semi-stereoscopic texture effect on the surface of the fabric.

4.2 Application of Fabric Reengineering Design Method.

Fabric is closely related to garment design. Garment design has achieved good results. It is necessary to give full play to the performance and characteristics of fabrics so that the characteristics of fabrics can be perfectly combined with garment shape and overall style to complement each other. The reconstructed fabrics have the characteristics of variety, vividness, three-dimensional, diversification and complexity.

The re-engineering of fabrics is the essence of modern clothing design. It conveys a concept, a feeling, through the re-creation of fabrics, it helps to use fabrics of different materials skillfully. The redesign of the fabric will penetrate into every aspect of the garment.

Because the reconstructed fabrics have a strong decorative and artistic quality, even if used in the simplest style will appear delicate and vivid. But the local application should be connected with the

overall design. The reconstructed fabric must be in harmony with the style and shape of the whole clothes in terms of color, shape and so on. As mentioned before, it can be used as a finishing point. There are several methods for local application of reconstructed fabrics in garments. As shown in Figure 2, the methods are becoming more and more diverse.

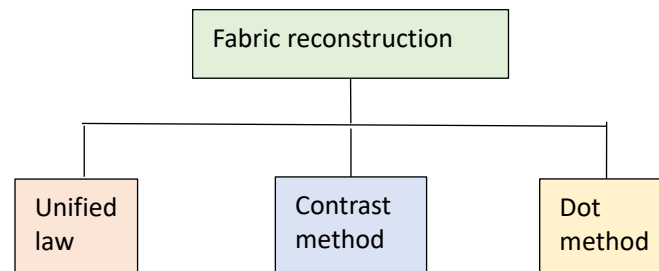


Figure 2. Method of fabric reconstruction

4.3 Fabric Selection and Application in Fabric Reengineering Design.

For fabric re-engineering design, the choice of textile fabrics will directly affect the performance of fabric re-design. For the author, first of all, the choice of fabric composition. The modification of the clothing material gives the function of the clothing material, but it also increases the difficulty of designing the clothing material, because the modified clothing material will be different from the general clothing material in appearance, the fashion designer has to understand the clothing. The performance of the material can be used to present the shape and make full use of the characteristics of the clothing material.

However, due to the development of science and technology, Natural fibers can make up for each other's shortcomings, which results in a more humane blended fabric, which is also widely used in this series of design. From the point of view of fabric reconstruction, natural fibers have better dyeing rate, softer color and more expressive power than chemical fibers in plant dyeing; and for blended fabrics, there are two or more natural fibers in the fabric composition, which also leads to different dyeing rate of fibers due to different fiber components in plant dyeing process. This also makes the dyed fabrics present numerous possibilities.

5. Conclusion

In today's society, people have higher and higher requirements for the precision of garment workmanship, style and fashion sense of structure. Functionality can not satisfy customers' desire to buy. The aesthetic appearance design actually has a great impact. What this paper describes is that the study of fabric should have plastic art, so as to make the finished garment more aesthetic effect. Functional cool fabrics and high-grade fashion design combined with secondary reconstruction are products with distinct characteristics of the times.

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