

Suggestions on the development of integrated material jewelry design

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Abstract: *Jewelry is not only a symbol of wealth and status, but also no longer a simple decoration. People began to pursue personalized display and expression of personal emotions. Based on the present development status of comprehensive material jewelry, this paper analyzes and discusses the development status and trend of comprehensive material jewelry design and the artistic expression of comprehensive material jewelry design. With the rapid development of industry, the material selection of contemporary art jewelry design is not limited to the traditional basic materials, but also brilliant and magnificent gold, gemstones, agate. Nowadays, a variety of new comprehensive materials appear in the jewelry design market, bringing more possibilities for artistic jewelry design. Through the processing and beautification of comprehensive materials, jewelry and jewelry retain their own value, while giving new vitality and meaning to jewelry. This paper explores the diversification of the modern development of comprehensive material jewelry design from the aspects of modeling, material and technology, and affirms the social value and significance of the development of comprehensive material jewelry design from the aspects of cultural value, economic value and aesthetic value.*

Keywords: *Jewelry; Design; Comprehensive materials; The development*

1. Introduction

Integrated material jewelry design emphasizes the innovation of materials and aesthetic interest, and pays attention to daily creative materials and environmental protection materials. It emphasizes that jewelry not only has the function of maintaining value, but more importantly, the new meaning conveyed by jewelry and the emotion of contemporary people, bearing a personalized attitude towards life. Pay attention to the touch, interest and personality of jewelry materials, and become more diversified and lively in the use of materials. The application of materials includes ordinary metal, ceramics, stone, wood, animal fur, fabric, plastic, paper, etc. Although these materials are cheap, they provide a lot of possibilities for the development and research of jewelry design.

2. Development status of comprehensive material jewelry design

With the promotion of jewelry and the popularization of gem knowledge, more and more people are interested in jewelry and have the ability to wear their favorite jewelry. In addition, the traditional mentality of pure value preservation has gradually been replaced by the mentality of both value preservation and beauty, so that the design style of jewelry has correspondingly increased. Since a large number of foreign jewelry entered the Chinese market, the domestic jewelry design industry has been severely impacted. At present, the vast majority of jewelry styles in China come from Japan and Italy, because these regions have developed jewelry industry, high design level and diverse styles. However, while we are learning and borrowing, we are only borrowing from the outside and ignoring the inside. Different countries and regions have great differences in traditional habits and economic development levels^[1].

In Europe and Japan, jewelry has been more focused on the beauty of products and decorative performance, matching with clothing and so on, rather than blindly pursuing expensive materials. At present, jewelry in The Chinese market still blindly pursues the rarity and preciousness of materials, or the property that can maintain its value and be inherited by descendants. This view not only endows jewelry with unaffordable value for ordinary people, but also influences the further discussion of the essence of jewelry and the evolution of jewelry design art form. Fortunately, times are changing, and the rapid development of the fashion industry is an opportunity for jewelry art to get rid of accidental prejudice. With the younger generation of consumers' need to express individuality and unique

appearance, jewelry has gradually broken away from the previous conservative concept, and the traditional concept has been further enriched and modified. Jewelry design with aesthetic and innovation as the theme has become a new force, not luxury, not permanent preservation of the concept has become the focus. The younger generation of creative designers, the growing concern for the environment, and the redesign of everyday creative materials have become a new and vibrant language. The new language is more valuable to the younger generation and easier to gain acceptance. People's thinking on traditional materials and the development of new materials promote the development of comprehensive material jewelry and the development of modern jewelry industry. The innovation, combination and re-creation of jewelry materials become the development trend and new breakthrough point of modern jewelry design^[2].

The most commonly used materials in jewelry design are metal materials, which can be divided into two categories according to their value: copper, aluminum and iron with low value, and gold and silver with high value. Metal materials are relatively stable. The application of metal materials in jewelry design makes jewelry wear resistant, stable, beautiful and generous. In jewelry design, in addition to commonly used metal materials, there are relatively rare gems, diamonds, agates and so on. These materials are loved by people because of their beautiful luster. Therefore, gems and diamonds are very common in jewelry design, but they are of great value. As the jewelry market continues to mature, many common materials have been applied to jewelry design, which can not only play a decorative role, but also widely circulate in the market, triggering fashion trends. For example, the feather, wood, leather, resin and other materials that are often used in jewelry design, through processing and beautification, not only beautiful appearance, and low price, loved by the people. Although in terms of value of new jewelry, pearls, gold and diamonds, but they can have the effect of decoration, and use the material design of jewelry, able to make jewelry for different vitality and vigor, then humanities implication, can make the material the designed jewelry more fresh, rich cultural connotation, to embody the value of its own^[3].

3. Artistic expression of integrated material jewelry design

3.1 Modeling performance of comprehensive material jewelry design

Style For the comprehensive material jewelry, the overall design is expressed in a relatively exaggerated way, publicity of personality and taste is a prominent feature of the design of the comprehensive material jewelry. Due to composite materials jewelry design application universality and material properties of each are not identical, modelling novel and exaggerated necklaces, large size of the ring, wide bracelet, gorgeous big earrings, and even clothing wearable jewelry also is not rare, exaggeration, personality and ego jewelry occupied the fashion, become the significant characteristics of modern fashion jewelry. Of course, the modeling of comprehensive material jewelry is limited by different material properties and production technology, and the specific performance of jewelry modeling will be different. For example, the quality of paper material is light, rich in color but limited to its fear of water, fire, not wear; For example, although ceramic materials have beautiful surface texture and a variety of surface treatment technology but limited by weight and shape changes little; Textile knitting, knitting, sewing and other techniques make the jewelry made by them diversified and colorful, but the soft texture of textiles is not easy to shape, so that they must be limited to knitting, sewing and other techniques in modeling. The rich design and modeling of comprehensive material jewelry greatly expand the way of wearing jewelry, innovate and expand the function of use, and also meet people's various artistic and aesthetic needs, bringing people a variety of choices^[4].

3.2 Material performance of comprehensive material jewelry design

The materials of comprehensive jewelry design mainly refer to the new materials and non-traditional jewelry materials developed with the development of science and technology (common metal, plastic, rubber, glass, leather, textiles, etc.).

Through the medium of jewelry, people can feel various incentive characteristics and different forms of existence of comprehensive materials. For example, colorful wool fabrics, people feel soft and warm to touch; Contact with wood will feel the nature of the kind, see clear grain grain will sigh the magic of nature; The glass is cold, hard and fragile, brightly colored but with a charming shine, giving people a sense of transparency. These different composite materials, hard or soft, rough and soft and compact, bring people physiological and psychological feelings different from traditional jewelry

materials, which provides sufficient creative space for the expression of the design concept of composite jewelry^[5].

Comprehensive materials expand the selection of modern jewelry design materials, provide more material application and creation space, so that modern jewelry design in the performance of the material constantly bring surprises. Comprehensive material jewelry with a wide range of choices can not only convey fashion visual effects, but also bring some inner feelings to people. The selection of jewelry materials has broken away from the old concept of the past and developed to the combination of diversified comprehensive materials. The combination and mix of a variety of materials has become the fashion and popularity of modern jewelry design. Relatively common is tonal close, simple sense different a variety of materials undertake combination collocation, or it is to use simple sense the material with same, intense colour contrast forms contrast to undertake^[6].

The application of comprehensive materials in jewelry design can not only enrich the designer's emotional factors, but also enrich the jewelry with cultural characteristics. One kind of jewelry represents a kind of culture, and the jewelry with cultural characteristics is mainly used for collection and appreciation, and the decorative role is less. China's vast territory, many places designed jewelry has obvious regional characteristics, with local culture. ShanZhui, for example, as a kind of common adornment, is not common in modern jewelry design, but it has distinct regional characteristics, on behalf of one party's culture, modern pendant jewelry design used more widely, can be used in car decoration, can also be applied on the key pendant hanging, culture is different, each pendant is implied meaning is also different. The most commonly used materials in pendants are jade, agate, jade belt, cloth, etc., with profound Chinese history and culture, many pendants are favored by scholars and calligraphers^[7].

3.3 Technological performance of comprehensive material jewelry design

In the design of comprehensive material jewelry, people need to carry out different processing according to different natural properties of materials, excavate the beauty of material texture, combine emotion in techniques, and create colorful artistic effects of different materials. The traditional jewelry pays attention to the fine workmanship and the fine visual effect, which has buried the personalized characteristics of jewelry materials. The diversified selection of comprehensive jewelry materials and the diversified technology make jewelry show the traces of manual processing, full of humanistic feelings and full of vitality. For example, the commonly used techniques of fiber materials are sewing and embroidery, knitting and crochet, wrapping and winding, coiling and crimping, etc. Due to the particularity of fiber materials, its molding ways are diverse and easy, and its molding effects are colorful. Different comprehensive materials have different processing and forming methods suitable for them due to their different volume and texture. Different materials will produce different visual and artistic effects, and the specific technological performance needs to be further explored and discovered through practice. However, due to its strong processing performance and diversity of technology, the composite material has become an ideal material for modern jewelry design and an important guarantee for jewelry designers to give full play to their imagination.

Designers can apply a variety of comprehensive materials to make jewelry with more emotional factors, covering the jewelry with a layer of hazy, poetic cultural veil, making jewelry design more mysterious and attractive. When designing jewelry, jewelry designers will add some emotional factors to the jewelry according to the comprehensive materials used, so that the jewelry sustenance of its own emotions, and through the jewelry to convey this beautiful meaning to more consumers. Compared with a single jewelry material, comprehensive materials are more creative. Through the ingenious construction of designers, jewelry itself can have more emotional meaning, so that the jewelry has distinct vitality, so as to create a good jewelry market sales situation^[8].

Application, for example, wood and leather goods design jewelry, wood comes from nature, with a kind of return uncut jade to put in true feeling, can let a person experience simple emotion, give a person a kind of of primitive simplicity is the feeling of restoring ancient ways, and the leather is processed together, with a strong modern elements, can let a person feel uninhibited, fashion, fused the jewelry design, It can bring different visual impact to consumers. Designers can integrate their feelings towards the jewelry when designing the jewelry. When consumers buy the jewelry, they will have an emotional resonance with the designer. Designers convey their emotions to consumers through jewelry, and through the identification trend of the market, the public's identification of this kind of jewelry will be more consistent, which can create good conditions for jewelry design. Designers will own emotions into jewelry, as a kind of power, can guide people's thinking and action, the contemporary jewelry

design is pay more attention to the emotional sustenance, different decoration materials have different feelings, will be two or three kinds of materials together, able to provide more jewelry designers design inspiration.

4. Value of comprehensive material jewelry design

4.1 Cultural value of comprehensive material jewelry design

Nowadays, the protection and inheritance of intangible cultural heritage has become a kind of upsurge, and folk culture and art with national historical accumulation and extensive and prominent representative have become the object of protection and inheritance. In this context, the application of comprehensive materials with “intangible cultural heritage” value and rich cultural connotation in jewelry product design has important cultural protection and inheritance value. Such as traditional processing hand-painted paper making skill trace gold LaJian, made of gold and silver printing fancy stationery, illuminated depicting, cinnabar proverb, silk scroll xuan, sheep brain thinks, etc., these traditional process gives our country traditional culture is the most unique spirits and its application in composite materials of jewelry design is a traditional art inheritance and innovation of jewelry design materials^[9].

Another example is paper-cut art, which focuses on the two-dimensional space concept, knife flavor paper sense, line and decoration, freehand brushwork and implication, etc. It is a traditional folk art of the Han nationality, with a long history and enduring popularity, and is the treasure of Chinese folk art. The application of paper cutting in jewelry design is to express people’s cognition and perception of nature in the form of jewelry, and is an effective inheritance of folk culture. In many current under the condition of non-material cultural heritage endangered, will have a value of “intangible cultural heritage” and the rich cultural connotation of composite materials used in jewelry design, the fusion of modern design concept, with a fresh look and image to enter the market may be effective behavior, protection and inheritance of Chinese traditional culture has the important value of cultural heritage.

4.2 The economic value of comprehensive material jewelry design

Compared with expensive traditional jewelry materials, the application of comprehensive materials in jewelry design has considerable economic value. On the one hand, with the improvement of people’s pursuit of individuality and aesthetic demand, comprehensive material jewelry with varied styles and bold shapes is popular and pursued by people, and comprehensive material jewelry has a considerable market demand in the modern jewelry market. On the other hand, synthetic materials generally have low cost and large profit margin. Look from the cost of materials, resin, rubber, paper, textile, cement, SLATE, copper, aluminum and other composite materials prices are generally lower, jewelry material cost is lower, plus a lot of composite material has the value of recycling, also can greatly reduce the cost, also can increase for the utilization of edge waste, inventory etc. Because many comprehensive materials have great technological and aesthetic value, the production process is simple and easy, and ordinary people can also learn to operate without large and expensive equipment. Therefore, from the perspective of input and output, the profit margin of integrated material jewelry is very considerable. The comprehensive material jewelry recognized by consumers will certainly help the regional economy and obtain considerable returns.

4.3 Aesthetic value of integrated material jewelry design

People’s understanding of comprehensive materials comes from the comprehensive research on its color, texture, physical properties and so on, so that it has a clear image meaning to meet the various needs of jewelry design. The aesthetic value of comprehensive materials is inseparable from its natural properties. For example, wood is warm, plain and full of natural breath and vitality. The jewelry made by such materials naturally narrates the distance between people and jewelry. There are also ceramics, clay after fire into ceramics reflects a completely different state, to provide a large space for jewelry creation. The rapid development of the western modern jewelry is dependent on the composite materials, fiber, resin, glass, rubber, fabric, copper, iron, paper and so on all has its own unique aesthetic features, physical properties and when these materials into jewelry, its different from that of material and present a product unique language, enrich the performance of modern jewelry^[10].

5. Suggestions on jewelry design of comprehensive materials

Jewelry design materials have been removed from the old coat to the direction of diversified comprehensive materials, not only limited to traditional materials such as gold and silver, gems, but also including textiles, leather, plastic, rubber, wood and other comprehensive materials. Modern jewelry made by using different natural properties of comprehensive materials and differentiated production technology creates jewelry works with rich visual changes and hierarchical beauty, bringing the reform and renewal of jewelry design creativity. Designers' attention to the selection of various materials and the continuous expansion of the selection of materials has greatly enriched the development of modern jewelry design industry. In the overall development of jewelry design, the application and innovation of comprehensive materials play an irreplaceable role. In a word, in contemporary art jewelry design, the application of comprehensive materials is very extensive. Jewelry design is a kind of art, which can satisfy people's pursuit of beauty and desire for beauty. In the later period, the application of comprehensive materials in jewelry design will be more flexible.

6. Conclusions

Jewelry design materials have been removed from the old coat to the direction of diversified comprehensive materials, not only limited to traditional materials such as gold and silver, gems, but also including textiles, leather, plastic, rubber, wood and other comprehensive materials. Modern jewelry made by using different natural properties of comprehensive materials and differentiated production technology creates jewelry works with rich visual changes and hierarchical beauty, bringing the reform and renewal of jewelry design creativity. Designers' attention to the selection of various materials and the continuous expansion of the selection of materials has greatly enriched the development of modern jewelry design industry. In the overall development of jewelry design, the application and innovation of comprehensive materials play an irreplaceable role.

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