Creating fashion designs by the fourth dimension concept of Futurism

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Abstract:
The concept of Fourth Dimension had a major impact on art in the late 19th century and early 20th century. Art movements in Italy, America, the Netherlands, and Russia began exploring and applying this new concept after Einstein’s theory grew in popularity. Futurism derived its philosophy from Einstein’s relativity theory which revealed that Time (the fourth dimension) is the reflection of Movement and Energy. Artists reflected such concept in their work, in a manner which created an external universe based on imagination, innovation, and creativity. The concept of the Fourth Dimension (4D) as applied to costumes is a modern concept in Egypt that can be used as an inspiration to costumes in Sci-Fi movies. This kind of movies originate from imagining the impact of the scientific developments in the future, or how life would be on another planet, and such other hypotheses. Fashion designers coped with the First and Second Dimensions and managed to turn them into a Third Dimension. Introducing the fourth dimension, however, requires more imaginative and creative efforts from the designer to be able to execute it. Fashion designers’ trends differed in interpreting 4D concepts in their designs. A designer may even drive the imagination ahead of time, scientific progress and technological developments into Sci-Fi fantasia. The aim of the research is to studying the philosophy of the futurism in the application of the concept of the fourth dimension in fashion design. The research also aims to exploring the trends of the international fashion designers in the application of the concept of the fourth dimension in their designs. With the aim of creating fashion designs with the concept of the fourth dimension inspired by the futurism trend which are aligned with the international fashion trends and to be used for Sci-Fi movies costumes. The research results are based on creating 12 women's fashion designs, then a questionnaire targeting fashion professionals to evaluate the designs in terms of how they achieve the 4D concept. Statistical analyses using SPSS software showed the top 9 designs which achieved the highest average for grades.

Keywords:
Fourth Dimension – Futurism- Fashion design - Science Fiction

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