Citation: Nagwa Moamen, et al (2024), Synthesis of "bamboo" work to promote creativity in design on mannequins for women's fashion, International Design Journal, Vol. 14 No. 3, (May 2024) pp 87-117

Synthesis of "bamboo" work to promote creativity in design on mannequins for women's fashion

Prof. Nagwa Shukri Muhamad Moamen

Professor of formation on the mannequin- Former Head of the Department of Clothing and Textile-Faculty of Home Economics- Helwan University, nagwa.shokry@gmail.com

Prof. Hanan Nabih Al-Zeftawi

Professor of formation on the mannequin- Department of Clothing and Textile- Faculty of Home Economics- Helwan University, nannoaeh@gmail.com

Hala Adel Mohamed Al- Nawawi

Master of Fashion Design- Department of Clothing and Textile- Faculty of Home Economics- Helwan University, hala06475@gmail.com

Abstract:

Objective: The research aims to try to discover new entrances, methods and various methods that provide a new design thought for women's fashion and push towards upgrading and development in creative practice, It offers an entrance that allows a wide range of design and creativity by combining the work of "bamboo" with other materials, Using the design method on the mannequin to create designs for women suitable for different occasions, Then measure the opinions of a sample of specialists in the field of fashion numbering (33) individual towards the design proposals and the number (11) designs. Methodology: The research depends on the descriptive approach with the application and the research has required the construction and application of a questionnaire specialists: to survey their opinions towards the designs designed and implemented in the style of mannequin, And ensure its suitability for the target group of the research, Results: The results of the research were divided into two parts: The first is an analysis of the research designs according to the criteria specified in this research, which are the design, technical aspect of "bamboo", The second part dealt with the statistical results of the opinions of the research sample of specialists towards designs, The results resulted in a variation of opinions according to the field of specialization, as they were more positive for the design major on the mannequin, It was also found that the more years of experience, the deeper the vision in realizing the aesthetics of designs, In general, the results showed that the specialists liked a good level towards the overall research designs.

Keywords:

Synthesis, Bamboo, Creativity, Design on the mannequin

References :

- 1- Ibrahim Nahhal, 2010: Nahal Dictionary of Scientific Names Plants (Latin Arabic) Botanical Environmental and Historical Linguistic Study with its course.
- 2- Ahmed Hussein Mohamed, 2021: Benefiting from the Nubian heritage in designing contemporary fashion on mannequins Master's Thesis Faculty of Home Economics Helwan University Egypt.
- 3- Amira Hassan Ibrahim, 2018: Enriching the aesthetics of the art of formation on the mannequin using lighting in show costumes PhD thesis unpublished Department of Clothing and Textile Faculty of Home Economics Menoufia University.
- 4- Iman Raafat Farid Abu Al-Saud, 2016: The plastic potential of collage art as an aesthetic vision in the formation on the mannequin PhD thesis unpublished Faculty of Home Economics Menoufia University.
- 5- Iman Taher Ahmed, 2017: Modern Constructivism and the Future Trend in Architecture as a Source of Fashion Design (Postmodern Architecture) Faculty of Applied Arts Helwan University Egypt.
- 6- Hanan Nabih El-Zeftawy, 2013: Technical readiness 0of clothing and textile students to learn three-dimensional formation skills as an introduction to design on the mannequin Egyptian Journal Home Economics Issue 29
- 7- Hanan Nabih El-Zeftawy, Doaa Mohamed Abboud, 2009: Introducing new plastic formulations on mannequins using jeans and burlap materials - Journal of Science and Arts - Studies and Research - Helwan University (Volume 21) -Fourth Issue October
- 8- Rehab Ragab Mahmoud Hassan, 2010: Paper formation as an experimental approach to the design and implementation of fashion fantasy inspired by modern Arab architecture - Egyptian Journal of Home Economics -Issue 26.
- 9- Rehab Ragab Mahmoud Hassan, 2013: Introducing new aesthetic and philosophical formulations for design on the mannequin through felt material (inspiration in modern stereoscopic formation as an experimental approach) Journal of Science and Arts Studies and Research Volume 25 Number 2 Helwan University Egypt.
- 10- Rehab Ragab Mahmoud Hassan, 2014: The Art of Fashion Design "Scientific Studies and Artistic Visions" Dar Al-Uloom for Publishing and Distribution - Cairo - Egypt.
- 11- Zakaria Ibrahim, 1973: The problem of art Egypt Library Cairo.
- 12- Sarah Adel Ezzat Madkour, 2016: The effectiveness of using educational modules in teaching some three-dimensional formation skills on mannequins - Master Thesis - unpublished - Faculty of Home Economics - Menoufia University -Egypt.
- 13- Sarah Ali Abdullah Alimi, 2016: The possibility of benefiting from the art of taxation and some needlework in the

Citation: Nagwa Moamen, et al (2024), Synthesis of "bamboo" work to promote creativity in design on mannequins for women's fashion, International Design Journal, Vol. 14 No. 3, (May 2024) pp 87-117

method of formation on mannequins - Master Thesis - Department of Clothing and Textile - Faculty of Home Economics - Menoufia University - Egypt.

- 14- Sarah Adel Abdel Aal El-Sheshtawy, 2017: Sustainable Interior Design for Children's Spaces Master Thesis Department of Architecture Faculty of Engineering Tanta University.
- 15- Salia Hassan Khafagy, 2020: Employing the plastic potential of crochet art in designing and shaping evening dresses on mannequins Journal of Arts, Literature, Humanities and Sociology Issue 53.
- 16- Suleiman Mahmoud Hussein, 1982: The role of environmental raw materials in artistic formation, Journal of Studies and Research, Volume 5, Number 3, Helwan University, Cairo.
- 17- Suzan El-Sayed Ahmed Hegazy, Heba Abdullah Bassiouni, 2022: Creating three-dimensional designs using derived design elements as an innovative vision for design and formation on miniature mannequins in the Corona crisis -Heritage and Design Magazine - Volume 2 - Issue 10 - Egypt.
- 18- Shady Seif El-Din, 2022: The art of synthesizing materials as a creative influence in shaping fashion on mannequins Journal of Applied Arts and Sciences Volume 9 Issue 3 July.
- 19- Adel Abdel Moneim, Gamal Abdel Hamid, Bishoy Wasfi, Nashwa Mustafa, 2023: The effect of using bamboo material as a staple and pile for terry fabrics on the physical and mechanical properties Arab International Journal of Digital Art and Design Volume 2 Issue 3 July.
- 20- Abeer Ibrahim Abdel Hamid, Rania Farouk Al-Nuwaishi, 2009: Study of the effect of the properties of some warp knitted fabrics in highlighting the plastic potential of the material on the mannequin published research Conference of the National Research Center.
- 21- Faten Mohamed Bassiouni, 2018: The art of origami as an innovative approach in the field of fashion design Master Thesis Faculty of Applied Arts Helwan University Egypt.
- 22- Fatima Al-Saeed Mustafa, 2018: Study of the possibility of synthesizing digitally printed leather with multiple other materials to enrich the aesthetic value of women's clothing - Journal of Home Economics - Menoufia University -Volume 28 - Number 4
- 23- Fatima Nabil, Fatima Ishaq, 2018: Synthesis between leather and burlap materials for the production of women's clothing supplements Journal of Home Economics Menoufia University Volume 28 Number 4.
- 24- Fouad Abu Hatab and Amal Sadek, 2004: "Educational Psychology", Anglo-Egyptian Library, Cairo, 5th edition.
- 25- Karama Thabet Hassan Al-Sheikh, 2014: A comparative study of fashion design methods in light of the performance and opinions of students specializing in clothing and textile Journal of Science and Arts Faculty of Home Economics Helwan University Volume 12 Number 3.
- 26- Kefaya Soliman, Sawsan Abdel Latif, Naglaa Abdel Meguid, 2016: Women's Fashion Design to Address Body Pattern Differences in the Clothing Industry Dar Al-Fikr Al-Arabi Egypt.
- 27- Louis Maalouf, 1973: Upholstered in Language, Literature and Science Catholic Press 2nd edition Beirut.
- 28- Mahitab Yahya Hassanein, 2015: Experimental approaches to teaching the course of the arts workshop in the light of the concepts of collective art Master Thesis Faculty of Art Education Helwan University Egypt.
- 29- Arabic Language Academy 2004: "Al-Wajeez Dictionary" Special Edition at the Ministry of Education, General Authority for Princely Printing Affairs Egypt .
- 30- Academy of the Arabic Language, 1993: Al-Wajeez Dictionary (Arabic Language / Dictionaries Words) General Authority for Princely Printing Affairs Cairo.
- 31- Mohamed Hamed Youssef Khafagy, 2013: Deconstructive school as a design trend and its impact on fashion design -Master Thesis - Faculty of Applied Arts - Helwan University - Egypt.
- 32- Mahmoud Al-Bassiouni, 1983: Art in the Twentieth Century Dar Al-Maaref Cairo Egypt.
- 33- Mariam Ahmed Hani, 2020: A plastic vision on the mannequin with ruffle techniques for slim textures Master Thesis unpublished Faculty of Home Economics Helwan University.
- 34- Mustafa Shehabi, 2003: Ahmed Shafiq Al-Khatib (ed.) Al-Shehabi's Dictionary of Agricultural Sciences Terms (Arabic, English and Latin) 5th edition Beirut Librairie du Liban Publishers.
- 35- Dictionary of Technical Terms, 1967: General Authority for Princely Printing Affairs 2nd edition.
- 36- Najla Jaber Dhaifallah, 2016: Innovations in the formation of draping on mannequins with warp tape article Department of Fashion Design College of Design um Al-Qura University.
- 37- Nagwa Shoukry Mohamed Momen, 2019: From the Inspiration of the Sea World of Books Cairo.
- 38- Nagwa Shukri Mohamed Momen, 2001: Formation on the mannequin "its development elements foundations methods contemporary technologies" Dar Al-Fikr Al-Arabi, 1st edition, Cairo.
- 39- Najwa Shukri Momen, Hanan Nabih El-Zeftawy, Maryam Ahmed Hani, 2019: A plastic vision on the mannequin with ruffles techniques for slim textures Journal of Home Economics Research and Articles No. 35.
- 40- Hagar Salah El-Desouky El-Marakby, 2019: Benefiting from the technique of reconstructing stereoscopic shapes on mannequins to serve the ready-made garment industry Master Thesis Faculty of Home Economics Menoufia University Egypt.
- 41- Hala Suleiman Al-Sayed, Doaa Mohamed Abboud, 2017: Smoking and its role in building designs for slim textures in the style of design on mannequins - Annual Conference (Developing the outputs of qualitative higher education in Egypt and the Arab world) - Faculty of Specific Education - Mansoura University.
- 42- Hind Mohammed Al-Ani, Maha Nasser Mozani, 2019: Creative Imagination and its Future Dimensions in the Design Achievement of Fabrics and Fashion Studies of Humanities and Social Sciences University of Jordan Volume 46.
 43 Bhonda D. Nagaragik P. R. Parbat D. K. & Wagha U. P. (2014). Physical and mechanical properties of hamboo

Citation: Nagwa Moamen, et al (2024), Synthesis of "bamboo" work to promote creativity in design on mannequins for women's fashion, International Design Journal, Vol. 14 No. 3, (May 2024) pp 87-117

(dendrocalmus strictus). International Journal of Scientific and Engineering Research, 5(1).

- 44- Greenwash and Treasure. "Bamboo Fiber: Feelgood Style. 26 June 2008.
- 45- Rudolf Arnheim. "Thoughts on Art Education", Occasional paper :2, Getty Center for Education in The Arts, 1989
- 46- SURBHI GUPTA (14/2/2022), helps to keep the, is low and indirect light. "Bamboo plant benefits: Vastu Shastra tips for keeping lucky bamboo at home", housing, Retrieved 20/2/2022. Edited.
- 47- 7822.jpg (1280×853) (nippon.com)
- 48- bamboo-1-1.jpg (500×500) (patternsfurnishing.com)
- 49- http://rattanwholesaler.com/rattan-cane-webbing-for-project/
- 50- https://www.nippon.com/ar/views/gu900027
- 51- https://www.pinterest.com/pin/154318724724418368
- 52- maxresdefault.jpg (1280×720) (ytimg.com)
- 53- somerset-seating-chairs_03851.1450909498.jpg (608×608) (bigcommerce.com)
- 54- towering-bamboo-holly-blunkall.jpg (900×600) (fineartamerica.com)

Paper History:

Paper received December 29, 2023, Accepted February 24, 2024, Published on line May 1, 2024