

Stripes as a formational and functional value to find innovative Furniture design solutions

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Abstract:

Stripes is Design between the Lines, and it is an authentic design vision of pattern that carries formation and functional values, stripes continues to give us endless contributions to design process, it presented different visions of a school that practiced design with awareness and intelligence through multiple angles, this pattern exchanges the design path all over the world throughout ages, from historical to postmodern formation. The designer inspired stripes from nature, from the rippled sand dunes, marble grain and stripes of animals' world.

It is easy to determine characteristics of a single line, it is stable, dull, quiet, a wavy one appears jagged, however when grouped together it forms stripes which characterized by flamboyance and stark vitality, Hence the research problem grow, it is an attempt to answer the following questions: What are the stripes design capabilities? And is it possible to use Stripes (design between lines) to find innovative design solutions that achieve formational and functional values to formulate interior design and furniture?

The research objective was to improve design thought by clarifying the stripes design ability, the research presented stripes formational and functional values innovative scheme, and its contributions in the design process, In addition to applying this scheme to an applied model to find an endless innovative solutions.

This was activated through an analytical approach of design with stripes, with analysis of some famous designers' work whose incorporated stripes in their designs like: Karim Rashid, David Rock, and applied approach, then the results were presented and discussed.

Keywords:

Stripes, decorative striping, Leitmotif, Design, formation and functional values.

Research problem:

- Lack of showing the ability of pruning to enrich the design process.
- How can innovative designs be achieved using the plastic and functional values of trims in the field of furniture design?

Research goal:

- Upgrading the design thought by clarifying the ability of prunings to achieve the system of fine and functional values.
- The conclusion of an innovative scheme for the system of plastic and functional values of the contributions of the prunings in the design.
- Applying those plastic and functional values of trims to find innovative design solutions for furniture.

Research Importance:

The research adds and shows new formative and functional values stemming from taking advantage of the ability of repetitive prunings and lines, which contributes to enriching the design process in general, and interior design and furniture in particular.

Research hypotheses: Prunings in nature carry formative and functional values that can provide innovative design solutions.

Research limits: The study is limited to simulating the plastic and functional values of pruning in nature.

Research Methodology:

- Analytical descriptive approach: to highlight the importance and contributions of trims in the field of design, especially furniture design.

□ Applied Approach: Applying the research results to furniture design.

Research axes:

1. Design with Stripes (Historical Overview).
2. Value of Stripes Functional.
3. Value of Stripes Formation
4. Analytical study of some models of interior design and modern furniture.
5. Apply the search results to furniture design.

Results:

- The attractiveness of design with trims has continued since primitive times and until now presents itself in a new way through the ages, and trims have continued to provide design solutions with the ability to achieve formative and functional values.

- Prunings were found in nature for a functional purpose (constructive, vital and indicative) and for another aesthetic plastic purpose (regular, random, color and texture).

The research was able to achieve its goal in finding innovative design solutions for furniture using the plastic and functional values of the trimmings by making a proposed scheme for the system of plastic and functional values for the contributions of the trimmings in the design.

- (The scheme of the system of plastic and functional values for the contributions of trimmings in design) contributes to the advancement of design thought due to the multiplicity of relationships that the designer can select from, to find innovative design solutions in general.

Recommendations:

- Given the values that the prunings contributed to the design process, it is recommended to conduct studies on the expressive and symbolic values of the prunings and how to benefit from them in creating innovative contemporary designs.

References:

Awwad,Ahamad Iismaeil Ahmad. "alfikr al'iibdaei lifalsafat altasmim almutazamin wa'atharih ealaa alqiam altasmimiat lil'athathi", risalat dukturah, kuliyat alfunun altatbiqiyati, jamieat hulwan, (2013).

Abu Alnawarji, Fatma . "altadhawuq alfaniyu fi altabieati" . dar alkitaab aljamieii, alqahirati, (1994).

Abd Albaraa, Salwaa Yusif. "Istilham shabakat tasmimiat mustawhah min 'iitijah alhandasat alkasriat litasmim al'athathi". almutamar aleulmaa alraabie likuliyat alfunun altatbiqia (abdae - tasmim - aintaj - tanafusiatin), jamieat hulwan, majalat altasmim alduwliati, aljizati, masr, 2016.

Muhamadu, Mustafaa Eabd Alrahim. "zahirat altakrar fi alfunun aliaslamiati" .alhayyat almisriat aleamat lilkitabi, alqahirati, (1997).

5- ealay, eabayr hamid. "mafhum aleimarat alainsiabiati wamarduduha eali altasmim aldaakhili wal'athath w fi zili alttknulujia alraqamiati almutaqadimati" majalat aleimarat walfunun waleulum al'iinsaniat almujalad 2 aleadad 2

1. Janelle McCulloch: Design in Black & White: the images publishing Group Pty ltd, Australia, (2010).

2. Linda O'Keeffe: Stripes, Design between lines: Thomas & Hudson Ltd., First Published, London, 2012.

3. Pastoureau, Michel: The Devil's Cloth: A History of Stripes Paperback, Washington Square Press, June 2003.

4. <https://www.bestinteriordesigners.eu/australian-greatest-design-with-david-hicks/> ٥ ابريل ٢٠٢٠

5. <http://www.fmschmitt.com/travels/Italy/umbria/Orvieto/OrvietoDuomo.html>

6. <http://www.ajbuildingslibrary.co.uk/projects/display/id/2074> مايو ٢٠٢٠

7. <https://in.pinterest.com/yvettemv/stripes/?lp=true>

8. http://arabic.china.org.cn/china/txt/2011-04/26/content_22444205.htm مارس ٢٠٢٠

9. <https://zebra.altervista.org/index.html> سبتمبر ٢٠٢١

10. <https://broidermebethan.blogspot.com/2016/04/striped-dresses-in-renaissance-research.html?m=0> سبتمبر ٢٠٢١

11. <https://lusailnews.net/article/society/arts/23/01/2021/%D8%A7%D9%83%D8%AA%D8%B4%D8%A7%D9%81-%D8%A3%D9%82%D8%AF%D9%85-%D9%86%D9%82%D9%88%D8%B4-%D8%B5%D8%AE%D8%B1%D9%8A%D8%A9-%D8%A8%D8%B4%D9%85%D8%A7%D9%84-%D8%A5%D9%81%D8%B1%D9%8A%D9%82%D9%8A%D8%A7-%D8%AA%D8%B9%D9%88%D8%AF-%D8%A5%D9%84%D9%89-%D9%86%D9%87%D8%A7%D9%8A%D8%A9-%D8%A7%D9%84%D8%B9%D8%B5%D8%B1-%D8%A7%D9%84%D8%AD%D8%AC%D8%B1%D9%8A>

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