New Rug Design Classification Using Classification Schemes

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Abstract:

Classification facilitates the communication between those with a unified speciality, especially the scientific researchers; to use in equations or in models, in the industrialised field, people need to govern to a unified classification, so they can deal in the same terms. Some of the authors see that some rug classification systems are not purely approach wholly satisfactory. The major purpose of the classification is to group or to collocate subjects that are related in some way. Since classifying rugs and carpets can be done according to a number of criteria; their country of origin, weaving group, design, colors, materials, price, so it is important to make benefit of classification tools, like classification schemes, which has many benefits; It allows a user to find an individual object quickly on the basis of its class or group. It conveys the semantics of an object from the definition of its kind. So the main objective of this research is to develop new hierarchical classification schemes for the rug and carpets which based mainly on rug design terminologies and the country of origin, the researcher hopes these hierarchies will help researchers, designers, engineers and marketers, especially in the field of rug industry, and be a good reference.

Methodology: To build a new rug design classification scheme in this research, the researcher has used many principles and steps. - The first step is to collect rug design concepts, then to use the properties of these concepts as the basis of the arrangement, these properties could be; country of origin, design, colors, design kind or sort (classic , modern, oriental...) and design features like, special motives, special layouts.. - The first principle and the second step is grouping; in which the researcher has used the properties of the collected concepts as a bases of an arrangement and forming relationships, in which the classification system is still linear ordering. - The third step is to form relationships between the class and its subdivision, in which the classification system is going to form the idea of hierarchy. To form the collected concepts, classes, ordination and subordination within a hierarchical structure; faceted classification scheme is the chosen and most suitable scheme in this research. Relationships between the classes and subdivision in a hierarchical way. Relationships between the categories' elements are the common attributes.

Results: 1- The main result of the research is producing new rug classification schemes; 2- The study suggests these new classification schemes will facilitate the communication between those with a unified speciality, especially the scientific researchers, rug designers ,rug marketers, and rug producing factories. 3- All used relationships between the classes and their subdivisions in all the schemes are things to kind.

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