

A future vision of interior space formation technologies in light of the basic determinants of the regenerative environmental architecture

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Abstract ...

Regenerative design carries a great future vision for a new era of sustainability and positivity in interior space, and until now, there are many buildings that achieve environmental standards to match the surrounding environment. In this regard, we present a future vision for the design of the regenerative environmental interior space, as environmental regenerative design is a new design trend that calls for a regenerate design of the interior spaces with all its elements. Meaning that the materials and energy that go into a product or process can be reintroduced into the same process or system, which requires little or no input to maintain it, there is a strong link to where the product is extracted and the process of its production, use and disposal at the end of its life. Since both architecture and interior design complement each other, so the importance of studying this trend in interior design with all its elements came to the interior designer, as this trend helps to provide complete solutions to many design problems and contributed to answering the question about the possibility of being truly sustainable in our buildings, and how the environment can produce and regenerate its resources (a positive environment rather than a negative environment). As the surrounding environment is one of the most important foundations for the designer to serve his/her creativity and configurations that suit the needs of the user. To activate this, the concept of innovative design thinking that affected the internal and external spaces was defined, and its principles were divided in a way that makes it easier for the learner to study and understand all of its elements and the technique of using it in the contemporary interior space, and a new vision of the contemporary internal space was presented formally and functionally. That the designer should focus on applying the principles and strategies of regenerative environmental design during the early design stages, and that the design teams are familiar with a richer understanding of the principles of regenerative design so that they can come up with design solutions and integrate them into the design from the beginning to create elements and solutions for architectural design, and to choose materials. Regenerative environmental design with a positive impact at every stage of the environmental design.

Keywords:

Regeneration environment. . interior design. . determinants