

The Effect of Technology on Outdoor Furniture

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Abstract.

There is no doubt that technological development in all its scientific fields seeks the effective truth in meeting human needs and in all scientific, technical and applied aspects. The areas that have been greatly affected by advanced technology and techniques, and furniture is an integral and inherent element of architecture, and its design depends a lot on its function and the space in which it will be placed, and from this becomes clear the importance of outdoor furniture, used for gardens, streets and external public places, which is subject to conditions in manufacturing that take into account factors Several of them are: durability, the ability to withstand the natural factors of the site in which it will be placed, suitability for the function for which it was designed, and be environmentally friendly. The research problem is that the traditional outdoor furniture has become not fulfilling the requirements of the modern era, and the research aims to clarify some types of smart outdoor furniture. Versatile, as each piece of furniture can perform more than one function, and it is solar powered A need for special electronic equipment, as it relies in its design on integrating sensors and a data processor in its parts that are connected within central networks, and it is also made of smart materials, and one of the most important features of these materials is the ability to take variable reactions to meet performance needs Its functional purpose, to achieve comfort, safety and well-being for members of society, while shedding light on some types of traditional furniture, then presenting some types of smart furniture with a brief explanation of the characteristics and advantages of each, and in the end the conclusions and recommendations.

Keywords:

Outdoor Furniture, Eco Furniture, Smart Furniture, Interactive Furniture, Solar Energy.