Abstract

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Exploring multi-sensory architectural spaces

Creating a space that positively affects its users and evokes an emotional experience is often one of the aims of architectural designers. Using multi-sensory design approaches that stimulate all five human senses, spaces may be designed to induce an emotional response. However, little is known about what procedures must be followed to create a multi-sensory design. The aim of this work is to therefore analyze spaces from two case studies—the Jewish Museum in Berlin, Germany, and the Lourinha? Sea Bathing Facility of Lisbon, Portugal—to understand how architects may awaken most all of the five senses. This analysis may further help to understand the tools available at an architect’s disposal to create multi-sensory design, and how these tools may be used to construct the user’s spatial experience. The case study analysis leads to an extrapolation of a series of guidelines navigating the creation of multi-sensory design. This set of guidelines may assist architects in the creation of inclusive environments for a varied typology of users.