

# Chapter 16

## Architectural Atmospheres: From Interior Towards Exterior

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### **ABSTRACT**

*This chapter seeks to investigate the design approach of the architectural concept in the narration of the interior space as an unavoidable exploration to highlight the contradictory and complex relationship between the idea of space and its experience. Architects should perceive architectural space using logical diagrams, starting from the interior towards the exterior and not the opposite. Architectural atmospheres should initiate as a result of the internal movements and the relation between space, humans, and light. This relationship develops an experience as a result of a series of architectural spaces that appear naturally in the interior. The articulation of its atmospheres, functional organization, and architectural façade works as a filter to allow daylight to penetrate the building or form contextual situations and the surrounding nature and its inhabited environment.*

### **INTRODUCTION**

This chapter will investigate the importance of the process of design from the interior towards the exterior and the elements that distinguish the importance in the presence of atmospherically elements in architecture. From light to darkness, from health to atmosphere and many more elements empower the values of the space and the process of architectural design, which corresponds to the design of architectural spaces to the obtained health from spaces to the human body. This investigation gives recommendations and solutions about the vital role play the creation of narration, which is different for everyone because of the sequence of spaces that are experienced. Different volumes are proposed as “organs,” where each function is complex as an “organism” with other units. The functional connection is reinforced by the physical connection created by a system of connections in the landscape. All these elements promote

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mental curiosity and stimulate the desire to experience space as well as reinforce the presence of sensory senses in human existence. All these elements can transform the space inexperienced and also train the body to keep in shape and maintain its health and well-being. These recommendations are the result of an in-depth theoretical analysis of the milestone of architecture understanding the crucial connection between interior space, architectural composition, psychological impact on the inhabitants, and their colorations.

## **BACKGROUND - INSIDE**

One of the most important architectural investigations while designing interior spaces is developed in the process of interior design, an area that does not only houses but also creates the necessary conditions for living. The design process should be structured around the individual search for ways to live - answering the question “what is a home for you?” and should aim to develop the capacities to think about the architectural project associated with a strong sense of specificity, appropriation, and comfort.

Going beyond a technical and superfluous application of technical and formal principles, it is fundamental to nurture an expression of unlimited desire in the process of designing an architectural space that is closely linked with emotions and memories, and that we finally can call home.

This reflection, which we could ironically call a “dream house,” aims to highlight the construction of an architectural project, supposedly original, that seeks to express the identity specificity of each resident student according to his gender, character, socio-cultural particularity.

In this sense, it is explicit about seeking the shortest distance between the “architect” and the “project” or the “author” and “work” as opposed to a practice increasingly committed to the real-estate market and aesthetic trends often mediated in favor of profit and not in favor of qualitative spaces of living.

Light, as a matter, distinguishes cultures, lifestyles, and architectural design. Pantheon refers to its zenith light, by watching physically this enormous building built in the 27 BC and entering its inner space, feeling captivated by its iconic zenith lighting that penetrates and captures the dome’s structural coffers. By observing this architecture, one is triggered by the presence of light in the most honorable projects in the history of architecture. Understanding that what makes a build or a design distinguish between millions of projects is the relationship of space and its primitive material that curves and gives presence to its existence, which is light.

Light is the only immaterial material component that adds value to the design by creating qualitative architectural spaces. Only some of those projects which are built around the world have the privilege to be shaped and obtain the qualitative aspects of light that curve the space—naturally growing the desire to design space where the light was manifested. It is not only the space that played an essential role in the process of design, but it was the light itself that played an important role in the shape, amount, and geometry that penetrated the space to add the qualitative values.

What begs to be asked is how to design qualitative light (with its shape, amount, and geometry) and to design spaces with qualitative light penetration.

Light has many quantitative parameters such as intensity, flux, illuminance, luminance, wavelength, amplitude, frequency, and intensity, what has mattered the most have always been the qualitative values of light inside architecture spaces. Light with specific quantitative values in architecture is translated into spaces with different qualitative values of light. Overall this is what distinguishes a good architecture space from another. The problem is how to shape the light through its geometry and give qualitative

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