

- **10990 | Harmonious Space as an Architectural Intend**

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The aim of this paper is to understand the crucial role that Le Corbusier's metric system – "Modulor" – still plays in the contemporary architectural scene. The main goal is to comprehend how "Modulor" was used and how it still influences the architectural intend in the design process i.e. the way architects interpret the relation between space, form and its appropriation.

This metric system, explored by Le Corbusier at the end of first half of the twentieth century, intended to seek, through Mathematics, a logic/compositional sequence based on Human dimensions and proportions. The combination of both Nature and Geometry will provide the architect with a working instrument, a litmus test, which according to Le Corbusier would determine whether the architectural composition was in the right harmonious path, towards Beauty. Beauty, only achieved when all the different design elements are part of a single composition, harmonic and balanced. This unity interprets space as a unique structure, textured in its design themes and narratives, which can't be divided at the risk of losing its coherence. Hence, the notions of form and space appear as a system, integral and unbroken. This way of thinking, underlining the importance of compositional themes in an architectural object, changed completely the understanding of the design process.

The present essay, part of an ongoing investigation at FAUP, intends to express the harmonic principles emphasized in the "Modulor".