

Proportion
Harmonies
Identities

ϕ
phi

9th International
Multidisciplinary
Congress

Creation,
Transformation
and
Metamorphose



05th - 07th
October 2023

SEVILLE
SPAIN

Sounds of the Houses by Raul Lino Sound map of the D'Oneil House, the Cypress House, and the White House.

Marina **SANTOS**¹, José **CRESPO**²

(1) Lisbon School of Architecture, University of Lisbon, Lisbon, Portugal

E-mail: marina199820@gmail.com

ORCID: 0009-0005-5790-0282

(2) Lisbon School of Architecture, University of Lisbon, Lisbon, Portugal

E-mail: jcrespo@fa.ulisboa.pt

ORCID: 0000-0002-5246-9754

Abstract

The sound space is composed of different sound sources, and its analysis depends on identifying the relationships between them. In the case of domestic spaces, the auditory perception of inhabitants is inherently personal and determined by their previous auditory memories. But what do design elements and procedures contribute to the inhabitant's auditory perception? This paper aims to study the relationship between the domestic space and the inhabitant through auditory perception resulting from the analysis of three single-family houses by the architect Raul Lino: D'Oneil House (1902), Cypress House (1907) and White House (1920). Our methodology involves sound walks, with observation and recording of people's interactions with the space and its sound dimension, using questionnaires and sound recordings made on-site. The results emphasize the qualified relationship between sound and space through the landscape. Therefore, it argues that auditory perception should also be considered when creating spaces.

Keywords: Auditory Perception; Raul Lino; Domestic Space; Landscape; Soundscape.