Breaking through formal and structural monotony: atonal harmonies and balances based on asymmetries, analogies or eurythmic

Alexandra AI QUINTAS

CIAUD Research Center Arts, Humanities and Social Sciences Department, Faculdade de Arquitectura, University of Lisbon, Lisbon, Portugal <u>alexandraquintas@fa.ulisboa.pt</u>

António J. MORAIS

CIAUD Research Center Design Department, Faculdade de Arquitectura, University of Lisbon, Lisbon, Portugal ajmorais@fa.ulisboa.pt

Abstract

Rhythmical harmonies in music may generate an equivalent in the visual arts. The concept of rhythms that underlie to the art of music, as in the visual arts, can be seen as a distribution of different sounds, over the linear dimension of time, similar to the intercalation of pauses. It may present a certain similitude with the distribution, considered more or less well balanced, be it constituted of masses or volumes, when considered to the voids located in the *Euclidian*, tridimensional space, or even the balance of twodimensional forms on a plan. This article also aims at demonstrating there can be observed, in a transversal mode, different kinds of balance, based on asymmetries in every type of forms, both in structural and architectural forms.

Keywords: harmony, symmetry, asymmetrical balance, nature, structural form.