

CABLE MOULDING – MOVEMENT AND DYNAMISM IN ORNAMENT ART

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Rezumat. *Lucrarea își propune să prezinte un ornament destul de puțin utilizat în ornamentică din cauza dificultăților în realizarea practică, fie manual, fie în sistem industrial. Sunt prezentate elemente privind proiectarea (geometria) torsadelor cu pas constant și variabil, precum și elemente de cinematica generării acestor ornamente. În final sunt prezentate scheme de lucru – în sistem industrial – de realizare a acestor ornamente, în industria de prelucrare a lemnului, ornamentele fiind folosite la decorarea pieselor de mobilă. Ornamentele de tip torsadă conferă produselor de mobilă și construcțiilor un dinamism și o vigurozitate specifică, motiv pentru care rămân permanent în atenția proiectanților din construcții, mobilă și decorațiuni interioare.*

Abstract. *The paper intends to present an ornament, less used in decoration because of the practical difficulties in manufacturing, either manually or in the industrial system. In the paper are presented the elements related to the design (geometry) of the cable mouldings, both for constant and variable pitch type and also the kinematics of generating these ornaments. Finally the working schemes of processing these ornaments in the wood industrial system are presented, the ornaments being used to decorate pieces of furniture. The cable moulding type decoration gives to furniture and building products a certain dynamism and vigor, wherefore remains permanently in the attention of designers in construction and furniture fields and also of the interior designers.*

Keywords: ornament, cable moulding, kinematics, furniture, building

1. Introduction

Incessant study enabled humans noticing that nature follows specific “embellishment cycles”. The vine adorns its aspect with tendrils, then with clusters, and becomes therefore much more interesting than a stalk with leaves. Other plants and trees adorn their aspect with flowers and fruit, or even with beautiful canopies. The water surface of a lake adorns its aspect with waves at the lightest waft; the mountain rocks modify their rough forms by erosion and obtain forms of great beauty and interest, for us to admire and compare (Fig. 1) etc.

In an attempt to “duplicate” nature, humans have always toiled to embellish their existence, and endeavoured to create and keep ornaments close to themselves, as replicas of nature’s elements; or, by intellectual processing, to use the natural ones

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