



"Gh. Asachi" Technical University of Iasi, Romania

**SURVEY ON BEHAVIOUR OF INTERVENTIONS
FOR PROBOTA MONASTERY INDOOR FRESCOES
CONSERVATION UNDER ENVIRONMENTAL
FACTORS INFLUENCE.**

**III. CORRELATIONS BETWEEN THERMAL,
HYGROSCOPIC AND SONIC PARAMETERS**

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Abstract

The paper deals with the correlations between thermal, hygroscopic and sonic parameters modifications of the components from the preparation layers of the indoor frescoes, after two years from the restoration of the Church of Probota Monastery (Romania), more precisely the old layers of *arriccio* and *intonaco*, that were subject to the interventions of consolidation, stabilization and structural reintegration.

Keywords: thermal, hygroscopic and sonic parameters, monitoring, indoor microclimate, hydric equilibrium, *arriccio* and *intonaco*

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