



A contribution to the study of deterioration of rocks

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Analytical study of the state of conservation of sculptures in granitic rock, “Repouso” and “Descida da Cruz”, of authorship of Victor Brecheret, located in opened space in the city of São Paulo, Brazil.

The sculpture “Repouso” belongs the collection of the Museum of Brazilian Art (MAB) of Fundação Armando Álvares Penteado (FAAP). Its accomplishment is of 1934. It is located in a garden, next to a water mirror.

The second workmanship, “Descida da Cruz”, is a mortuary monument, carried through in France in the decade of 1920, and brought for Brazil in the same period. It is located in the Cemetary of the Consolação.

All and any conservation has as base the information, anamnésia and diagnose. It is necessary to know well the materials and processes of elaboration of objects or treaty elements. In the course of all restoration it is necessary to get information as much to the materials (substratum) to be treat (conserved and/or restored) as to the materials to be used in the treatments.

On the basis of this premise, the study had as base the survey of the anamnésia from visual comment, and photographic register, for a period of two years, and with the obtained data the diagnosis of the conservation state and the indication of the treatment possibilities had become, having in mind that the transformation process is permanent, and that any type of consolidation system or protection will be temporary.

The analysis of the conservation state was guide line in the characteristics and action of the deteriorants agents significant considered, as physical/mechanics, chemistries, and biological agents, for the type material in study: the rock.