ABSTRACT

This document presents the study carried out for the selection of a typology and structural configuration of a pedestrian bridge of 30.00 meters of span length and width of 2.00m conformed completely with profiles manufactured with composites materials based on resin and synthetic fibers (FRP) and constrained to operations of disassembly, to make it possible as emergency structure. Being based on a basic knowledge on materials FRP and on a wide bibliographical research about the state of the art on the analysis and design of structures shaped by this type of materials.