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REVIEWERS

Reviewers are selected by the Editors among IBRACON members with acknowledged competence in the specific area of each submission. Their contribution is acknowledged yearly, at the end of each volume. If necessary, the Editors will assign nonmembers as reviewers.

The last issue of the 2019 Volume of the IBRACON Structures and Materials Journal is now released with twelve articles on relevant structural concrete topics. The issue begins with an article on the development of stabilized mortars for masonry using air incorporator additives and settling retardant plasticizer to compare with a conventional mortar with lime. The second article presents a study on the content of ether polycarboxylate-based superplasticizer, determined by rotational rheometry. Its effects on the environmental impacts of concretes were studied for cement and limestone filler. A reliability-based calibration of partial safety factors for Brazilian codes used in the design of concrete structures is presented in the third article. The work is based on reliability theory, which allows an explicit representation of the uncertainties involved in terms of resistances and loads. The fourth article describes an experimental test program intended to evaluate the influence of the particularities of self-consolidating concrete mixtures on the shear capacity of beams with shear reinforcement. A study on the use of parameter γ_2 for reinforced concrete frames in fire situation is the subject of the fifth article. The sixth article presents a theoretical formula to evaluate the long-term deflections for reinforced concrete beams of normal and high strength concretes. A study on the aerodynamic behavior of a 150 m tall concrete chimney is presented in the seventh article. The eighth article aims at the evaluation of the effect of nano-silica on Portland cement matrix. The ninth article describes a study on the properties of lightweight concretes with addition of expanded polystyrene for structural walls applications. The tenth article proposes a new system to classify possible damages in piles partially reinforced considering the results of low strain integrity tests. The objective of eleventh article is the development of an algorithm for the design of steel-concrete composite beams aiming at an optimization in terms of material costs. The twelfth and last article in this issue deals with the analysis of torsional tangent rigidity of reinforced concrete waffle slabs by comparisons between results from numerical analysis and results of experimental tests.

We congratulate the authors for the quality of articles in this issue and acknowledge the dedication of the reviewers.

The Editors