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Reviewers are selected by the Editors among the IBRACON members with recognized competence in the specific field of each contribution. They are acknowledged at the end of each volume.

We are now releasing the third issue of the twelfth volume of the IBRACON Structures and Materials Journal (Volume 12 Number 3, June 2019), with twelve articles. The issue begins with a discussion on the theoretical estimates of punching shear resistance using ACI 318, Eurocode 2 and ABNT NBR 6118 in the case of slabs without shear reinforcement. The second article aims to discuss the progressive collapse and the behavior of masonry buildings subject to abnormal loads. The third article addresses the feasibility of grinding dust, a waste generated in the clutch disc finishing process, as a retardant additive in cementitious matrices. An alternative shear connector for cold-formed steel-concrete composite beams is proposed in the fourth article. In the fifth article, the finite element method is used to model columns with square, rectangular and circular cross-sections wrapped with fiber reinforced polymers. An application of structural reliability theory to a case study of a built concrete gravity dam is illustrated in the sixth article. The research described in the seventh article investigates if the addition of rubber chips to mass concrete enhances cracking strength due to thermally induced volumetric variations. The eighth article addresses the feasibility of the pervious concrete made with electric furnace slag, discussing mechanical and hydraulic properties. The research described in the ninth article intends to analyze the potential of sugarcane bagasse ash and tire residue in pavers. The objective of the tenth article is to assess the thermal insulation capacity of concrete block masonry in fire conditions. The eleventh article presents contributions to shear strength analysis of slabs without transverse reinforcement under concentrated loads, with a focus on the accuracy level of the shear strength analytical models recommended by ABNT NBR 6118:2014. The issue closes with an article on shrinkage and porosity in concretes produced with recycled concrete aggregate and rice husk ash.

We acknowledge the contribution of authors and reviewers for the quality of this issue.

The Editors