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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 fifth issue of the 2019 volume of the IBRACON Structures and Materials Journal (RIEM, Volume 12, Issue 6, October 2019) is released with twelve articles on structural concrete. The main objective of the first article is the implementation of a finite element model for nonlinear numerical analysis of concrete slabs with steel decking. The second article presents a nonlinear static analysis using a case study of a pile-supported wharf in a new oil tankers port. An experimental program on reinforced concrete masonry beams is described in the third article, aiming at a better understanding of the behavior of reinforced masonry beams. The work described in the fourth article investigates the influence of the instability parameter of reinforced concrete frame-braced buildings. The fifth article discusses the behavior of single-storey, single-bay reinforced concrete infilled frames with masonry panel subjected to static horizontal load. The sixth article aims at an evaluation of the reliability indexes of reinforced concrete beams designed in accordance with Brazilian Code NBR-6118:2014 with respect to the ultimate limit state. The objective of the seventh article is to analyze the influence of concrete compressive strength in columns for the design of a multi-storey building, using a CAD/TQS computational tool. In the eighth article, results of uniaxial compression tests and indirect tensile tests, using cylindrical samples, are reported. These tests confirm that both the unconfined compressive strength and the indirect tensile strength determined on cylindrical samples are influenced by the angle between the sample axis and the orientation during casting. The ninth article presents the development of a truss-type shear connector proposed for a concrete-steel composite beam. The tenth article investigates the use of semi-continuity in simply supported composite steel and concrete beams, to remove fireproof coatings for standard-fire resistance requirement of fewer than 30 minutes. The eleventh article presents a comparative analysis between two model hierarchies commonly applied in tunnel structural design: continuum ground models and bedded-beam models. The main objective of the last article is to carry out a comparative analysis between the methods and provisions of the Brazilian code ABNT NBR 15421:2006 and those of the ASCE/SEI 7 and the Eurocode 8, on the seismic design of structures.

We acknowledge the dedication of authors and reviewers for this issue.

## The Editors