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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.

The first issue of 2019 of the IBRACON Structures and Materials Journal (Volume 12 Number 1, February 2019) is now available online. The first article aims at an appropriate support to decision-making for maintenance, rehabilitation and repair strategies under constraint of limited budgets. An analytical study on the design of cylindrical liquid storage tanks resting on deformable foundations is the subject of the second article. The third article discusses the economic aspects of high-strength concrete associated with geometrical optimization of decks of post-tensioned multi-girder overpasses. The fourth article brings an evaluation of the influence of *Bacillus subtilis* AP91 spores addition on the mechanical properties of mortars. The fifth article presents a study on the loop joint behavior in reinforced concrete structures under tension. The sixth article discusses experimental results related to load capacity of beams with steel fiber reinforcement on the compression face. The seventh article has the objective of presenting the application of the linear and non-linear strut-and-tie models on some typical structural elements, using the Evolutionary Topological Optimization Method. The eighth article presents a study of dosage and addition of polypropylene fibers for pervious concrete. The ninth article presents a numerical study on the explosive breaching of a concrete wall using an optimized contact explosive charge with cylindrical shape. In the tenth article, a comparative analysis is presented among standards of transversal reinforcement computation for high strength reinforced concrete beams subjected to shear action. The eleventh article investigates the behavior of the self-compacting mortars with sugarcane bagasse ash in fresh and hardened state. The goal of the twelfth is the evaluation of the widening and strengthening procedures used in reinforced concrete highway bridges.

We acknowledge the dedication of authors and reviewers to the quality of this issue.

The Editors