

Special Issue

Numerical and Analytical Methods for Partial Differential Equations with Integral Boundary Conditions

Message from the Guest Editors

This Special Issue contains several relevant contributions to the study of partial differential equations with integral boundary conditions appearing in queueing theory, reliability theory, age-structured population dynamics, and age-structured epidemic dynamics. The papers are concerned with the existence and uniqueness of the time-dependent (dynamic) solution, the asymptotic behavior (asymptotic stability) of the time-dependent (dynamic) solution, the structure of the time-dependent solution, the asymptotic behavior of the system indices (time-dependent queueing length, time-dependent availability, etc.), and spectral analysis of the underlying operators which correspond to above partial-differential equations, as well as with numerical approaches.

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Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

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