Singularly Perturbed Problems: Asymptotic Analysis and Approximate Solution

Guest Editor:

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Message from the Guest Editor

This Special Issue is devoted to "Singularly Perturbed Problems". We will provide an opportunity to present recent developments in theory and various theoretical and real-life applications of singularly perturbed problems, their asymptotic analysis and approximate (analytical/numerical) solutions.

We encourage you to submit your current research to be included in the Special Issue.

Keywords

- Singularly perturbed ordinary differential equations
- Singularly perturbed partial differential equations
- Singularly perturbed differential equations with deviating arguments
- Singularly perturbed integro-differential equations
- Singularly perturbed stochastic differential equations
- Singularly perturbed periodic differential equations
- Singularly perturbed difference equations
- Singularly perturbed control problems
- Singularly perturbed dynamic games
- Asymptotic analysis
- Approximate analytical/numerical solution
- Applications of singularly perturbed problems

Special Issue