

Special Issue

Research on Optical Soliton Perturbation

Message from the Guest Editor

This Special Issue of *Universe* is devoted to recent developments in the theory of optical soliton perturbation in mathematical physics and its applications.

Optical soliton perturbation is one of the most fascinating areas of research in the field of mathematical physics. This Special Issue of *Universe* features articles about all aspects of optical solitons, perturbation, non-Kerr laws, polarization, birefringence, dense wavelength division multiplexed system, couplers, Bragg gratings, dispersive solitons, cubic-quartic solitons, highly dispersive solitons, pure-cubic solitons, and chirped solitons. We look forward to your contributions of review and original research articles dealing with the recent topics and advances in optical soliton perturbation. The published papers in this Special Issue of *Universe* could provide crucial examples and possible new research avenues for further advancements. Please note that all submitted papers must be within the general scope of the *Universe* journal.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

The multidisciplinary journal *Universe* is aiming to follow and, hopefully, to lead to the largest extent as possible the ever-self renovating threads which weave mathematical theories with our understanding of the magnificent natural world. On behalf of all the distinguished members of the Advisory and Editorial Boards, I extend my welcome to this journal and look forward to hearing from the interested contributors and learning about their valuable research.

Editor-in-Chief

Prof. Dr. Lorenzo Iorio
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