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Hyperelastic Structures

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Message from the Guest Editors

Dear Colleagues,

The primary aim of this Special Issue is to gather and showcase the latest advancements in the understanding of hyperelastic structures, with a specific emphasis on their biological and molecular properties. We are keenly interested in exploring the intricate mechanics of these materials at a molecular level, and thus, we cordially welcome contributions that encompass theoretical models, experimental techniques, and computational simulations in this domain.

Furthermore, we are excited to present groundbreaking research on the applications of hyperelastic structures in areas such as mechanical engineering, biomedical engineering, soft robotics, and material science, all within the context of biological and molecular research.

As we look to the future, we are also interested in visionary perspectives and emerging trends that explore the potential and future directions of hyperelastic structures, particularly in interdisciplinary studies that integrate these materials with other domains, such as materials science, biology, and geophysics.



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Special Issue



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Message from the Editor-in-Chief

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