Condensed Matter Physics and Statistical Mechanics in Applied Mathematics

Guest Editor:

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Message from the Guest Editor

In this Special Issue, we would like to publish original scientific articles related to most areas of applied mathematics in the condensed matter physics and statistical mechanics fields, which include theoretical, numerical/computational and experimental aspects. The aim is to gather articles that contribute to the development of these fields. Topics of interest to this Special Issue include, but are not limited to, disordered systems, phase transitions, many-body quantum systems, nonequilibrium statistical mechanics, electronic and transport properties, topological and geometrical aspects of matter, magnetism and biological physics. All researchers interested in these topics are cordially invited to contribute to this Special Issue.

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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