

Special Issue

Mathematics of Black Holes

Message from the Guest Editors

Black holes are emblematic objects in modern physics and, perhaps, there is no other object that has attracted more attention. Current observations provide us with more and more evidence for the existence of black holes as real astrophysical objects. Black holes are also among the perfect laboratories for testing fundamental physics. In addition to their extreme importance to physics, black holes have also inspired many beautiful mathematical results and provide a bridge between theoretical physics and mathematics. We invite our colleagues to contribute their papers to inform the scientific community of the advances made in the great adventure of studying black holes and the mathematics related to them. Topics of interest include all the mathematical and the theoretical aspects of black holes.

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About the Journal

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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