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New Trends in Hamilton-Jacobi Theory: Conservative and Dissipative Dynamics

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Message from the Guest Editor

This Special Issue on Hamilton–Jacobi theory wants to bring together specialists coming from different areas of research and show how the Hamilton–Jacobi theory is so useful in their domains.

Keywords

- Hamilton-Jacobi equation
- Hamilton–Jacobi problem
- Complete solution
- Integrability
- KAM theory
- Lagrangian submanifolds
- Legendrian submanifolds
- Symplectic geometry
- Contact geometry
- Poisson and Jacobi structures
- Multisymplectic field theory
- Symplectic relations
- Morse families
- Geometric integrators
- Generating functions











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Message from the Editor-in-Chief

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