MATHEMATICS IN COMPUTER SCIENCE
SPECIAL ISSUE in honor of Vladimir Gerdt

Call for Papers

With great sadness have we learned that Vladimir P. Gerdt passed away in early January 2021. He was well known for his contributions to various aspects of symbolic and algebraic computation, related to nonlinear differential equations and polynomial systems, their exact and numerical solutions, their symmetries, and their applications to physics, quantum computation, etc. He initiated the theory of involutive bases (such as Janet bases and Pommaret bases), revived the method of Thomas decomposition for algebraic and differential systems, and developed many of their applications.

In honor and memory of Vladimir P. Gerdt, this Special Issue of Mathematics in Computer Science welcomes the following kinds of contributions, related to his work:

- *short memory notes (at most two pages),*
- *survey articles,*
- *original research papers.*

Survey articles and original research papers generally should not exceed 25 pages.

Expressions of interest for writing survey articles are invited by the editors at an early stage for coordination purposes.

Guest Editors

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Important Dates

Submission deadline: September 30, 2021
Author notification: January 31, 2022
Camera ready: March 31, 2022

Paper Submission

Papers should be submitted via EasyChair: https://easychair.org/conferences/?conf=gerdt21 . Please upload a pdf file for each submission. The final version should be prepared using LaTeX with the class file birkjour.cls. Instructions for authors may be found at https://www.springer.com/journal/11786/submission-guidelines .