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Systems of second-order ODEs invariant with respect to low-dimensional Lie algebras

Oksana Gaponova[1,*] and Maryna Nesterenko[1,2,†]

[1] Institute of Mathematics, 3 Tereshchenkivs'ka Str., 01601 Kyiv-4, Ukraine

[2] Centre de Recherches Mathématiues, Universite de Montréal, C.P.6128-Centre ville, Montréal, H3C 3J7, Québec, Canada

Abstract

Systems of two second-order ordinary differential equations, which are invariant with respect to the real Lie algebras of dimensions no greater than four, are exhaustively described.

*E-mail: gaponova@imath.kiev.ua

†maryna@imath.kiev.ua