

## A Special OCNMP Issue in Honour of George W Bluman

### Foreword

This Special Issue is a *Festschrift* dedicated to Professor George W Bluman for his outstanding contributions in the theory of differential equations, whereby his main focus has been on symmetry analysis of nonlinear differential equations. His books on symmetries are well known and used in advanced courses in differential equations worldwide. George's many excellent research contributions and results led to numerous novel methods for analysing and solving nonlinear equations. George is currently Professor Emeritus after retiring recently from his position as Full Professor in the Mathematics Department at the University of British Columbia in Canada.

This Special Issue consists of the following six contributions, ordered according to their dates of acceptance:

1. *From fully-nonlinear to semilinear evolution equations: two symmetry-integrable examples* by Marianna Euler and Norbert Euler
2. *Symmetry approach to integration of ordinary differential equations with retarded argument* by Vladimir Dorodnitsyn, Roman Kozlov and Sergey Meleshko
3. *Symbolic computation of optimal systems of subalgebras of three- and four-dimensional real Lie algebras* by Luca Amata, Francesco Oliveri and Emanuele Sgroi
4. *On Riemann wave superpositions obtained from the Euler system* by Lukasz Chomienia and Alfred Michel Grundland
5. *On differential equations invariant under a projective transformation group: integrability and reductions* by Marianna Euler, Norbert Euler and Francesco Oliveri
6. *Conservation laws of nonlinear PDEs arising in elasticity and acoustics in Cartesian, cylindrical, and spherical geometries* by Willy Hereman and Rehana Naz

I express my sincere appreciation to the authors for contributing to this *Festschrift*.

Norbert Euler  
Bad Ems  
December 25, 2025