Comments and invited replies

Conventions for writing the values of quantities in the SI
I. Mills
Response to Mills’ comments on the SI notation
M. P. Foster

Research articles

A double-layer Boussinesq-type model for highly nonlinear and dispersive waves
F. Chazel, M. Benoit, A. Em & S. Piperno

Orthogonality relations for fluid-structural waves in a three-dimensional, rectangular duct with flexible walls
J. B. Lavrie

On the complete integrability and linearization of nonlinear ordinary differential equations. V. Linearization of coupled second-order equations
V. K. Chandrasekhar, M. Senthilvelan & M. Lakshmanan

The viscous froth model: steady states and the high-velocity limit
S. J. Cox, D. Weaire & G. Mishuro

Dating fired-clay ceramics using long-term power law rehydroxylation kinetics
M. A. Wilson, M. A. Carter, C. Hall, W. D. Hoff, C. Ince, S. D. Savage, B. McKay & I. M. Betts

Mathematical modelling of cilia-driven transport of biological fluids
D. J. Smith, E. A. Gaffney & J. R. Blake

Time-dependent lateral transmission of force in skeletal muscle
Y. Gao, A. S. Wineman & A. M. Waas

Classification of conservation laws of compressible isentropic fluid flow in $n > 1$ spatial dimensions
S. C. Anco & A. Dar

Boundary algebraic equations for lattice problems
P.-G. Martinsson & G. J. Rodin

The gauge theory of dislocations: a uniformly moving screw dislocation
M. Lazar

Fractal solids, product measures and fractional wave equations
J. Li & M. Ostoja-Starzewski

The mother of all protocols: restructuring quantum information’s family tree
A. Abeyesinghe, I. Devetak, P. Hayden & A. Winter

Axisymmetric contact with friction of a rigid sphere with an elastic half-space
O. I. Zhupanska

Equation of motion for point vortices in multiply connected circular domains
T. Sakajo

Backlund transformations and the Atiyah–Ward ansatz for non-commutative anti-self-dual Yang–Mills equations
C. R. Gilson, M. Hamanaka & J. J. C. Nimmo