

Materialien zu Seminar-Vorträgen / betreut von S J Linz

- Relativistic harmonic oscillator - a solvable nonlinear system
 - D. Babusci, G. Dattoli, M. Quattromini, and E. Sabia
Relativistic harmonic oscillator, the associated equations of motion, and algebraic integration methods
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 - S. V. Petrov
Classical dynamics of the relativistic oscillator
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 - F. Weidenhammer
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[ZAMM **57**, 12 \(1977\)](#)
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- Beyond Navier-Stokes equations: the case of a dilute gas
 - Popular science articles
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Beyond Navier–Stokes equations: capillarity of ideal gas
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 - M. Slemrod
From Boltzmann to Euler: Hilbert’s 6th problem revisited
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corresponding pdf file of an extended talk by M. Slemrod on
[From Boltzmann to Euler: Hilbert’s 6th problem revisited](#)
- Hydrodynamic supercontinuum
 - A. Chabchoub, N. Hoffmann, M. Onorato, G. Genty, J. M. Dudley, and N. Akhmediev
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