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MATHEMATIKKOLLOQUIUM

Das Institut für Mathematik lädt zu folgendem Vortrag ein:

Dr. David Cohen

Departement Mathematik, Universität Basel

"A lot of oscillations ..."

We consider Hamiltonian systems where high-frequency oscillations are generated by a linear part. We are interested in the long-time near-conservation of the total and oscillatory energies of the exact solution. We will present a class of numerical methods (the trigonometric methods) designed for such problems. The long-time near conservation properties of such schemes is discussed.

Zeit: Donnerstag, den 9. Oktober 2008 um 11:15 Uhr

Ort: Victor-Franz-Hess Haus, Technikerstraße 25, HS E

Alexander Ostermann

Gäste sind herzlich willkommen!