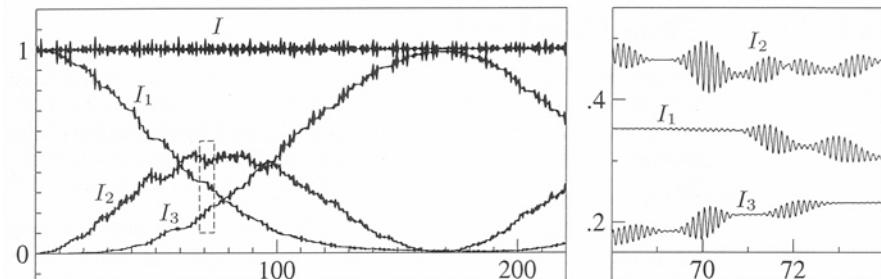


Ein Fermi-Pasta-Ulam-Problem

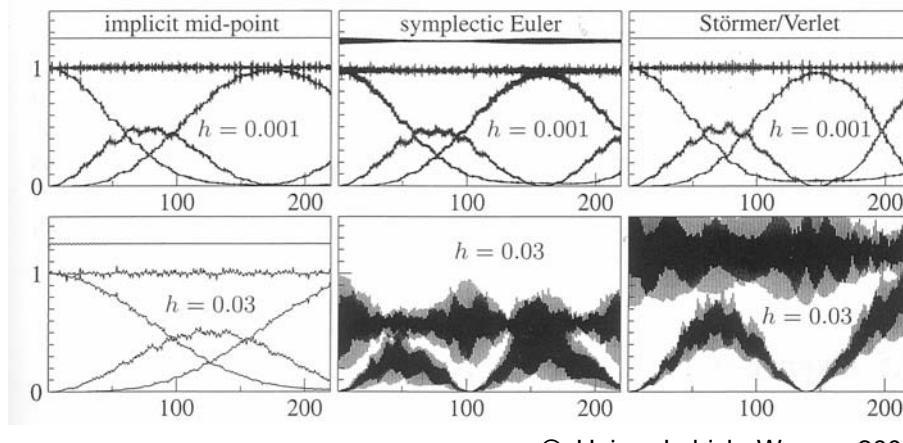
Literatur:

E. Hairer, C. Lubich, G. Wanner: Geometrical Numerical Integration. Springer 2002.



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Energie der 3 steifen Federn



Zeitintegration: H, I, I_1 , I_2 , I_3



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Martin Arnold: Geometrische Zeitintegration (SoS 2004)