Literatur

A.M. Stuart and A.R. Humphries. *Dynamical Systems and Numerical Analysis*. Cambridge University Press, Cambridge, UK, 1998.

E. Hairer, Ch. Lubich, and G. Wanner. *Geometric Numerical Integration. Structure—Preserving Algorithms for Ordinary Differential Equations.* Springer—Verlag, Berlin Heidelberg New York, 2002.

E. Hairer, S.P. Nørsett, and G. Wanner. *Solving Ordinary Differential Equations. I. Nonstiff Problems*. Springer–Verlag, Berlin Heidelberg New York, 2nd edition, 1993.

E. Hairer and G. Wanner. *Solving Ordinary Differential Equations. II. Stiff and Differential-Algebraic Problems*. Springer–Verlag, Berlin Heidelberg New York, 2nd edition, 1996.

K. Strehmel and R. Weiner. *Numerik gewöhnlicher Differentialgleichungen*. Teubner Studienbücherei Mathematik. Teubner, Stuttgart, 1995.

P. Deuflhard and F. Bornemann. *Numerische Mathematik II. Gewöhnliche Differentialgleichungen*. Walter de Gruyter, Berlin New York, 2nd edition, 2002.



Martin-Luther-Universität Halle-Wittenberg, FB Mathematik und Informatik Martin Arnold: Dynamische Systeme und numerische Analysis (SoS 2007)