Foreword

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From 7 to 11 December 2009 a workshop on “New Directions in Dynamical Systems” took place at Leiden in the Netherlands, dedicated to recent developments in the area of dynamical systems; specifically Hamiltonian systems, stochastic aspects of the dynamics, ergodic theory and applications. The workshop was organized in honor of Henk Broer’s 60th birthday and *Regular and Chaotic Dynamics* generously offered to dedicate this special issue to him. Some of the articles are based on talks which were delivered at the workshop, whereas others present work which is close to Henk’s interests. We think that these articles give an impression of the originality, breadth and depth of Henk’s mathematical research.

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