Preface

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Eduard Zehnder tells the story of the beginnings of symplectic topology in Bochum in the early eighties. He outlines the history and the original proof of Arnold's conjecture on fixed points of Hamiltonian maps in case of the torus, leading to a sketch of the proof of general symplectic manifolds and to the Floer homology. This review of contemporary history will be followed by a longer review article about Floer homologies with applications by Alberto Abbondandolo and Felix Schlenk which will appear in the next issue of this journal.

Sophie Morier-Genoud and Valentin Ovsienko give an overview about connections between Continued Fractions and Triangulations, the Modular Group and Polygon Dissections. The authors explain that these relations connect the topic with several other areas of algebra, geometry and combinatorics, such as cluster algebras or frieze patterns.

Finally, there are three book reviews. Heinrich Freistühler reviews the book "Hyperbolic Conservation Laws in Continuum Physics" by C.M. Dafermos, Kathrin Padberg-Gehle reviews the book "Barriers and Transport in Unsteady Flows: A Melnikov Approach" by S. Balasuriya, and Franz Lehner reviews the book "Free Probability and Random Matrices" by J.A. Mingo and R. Speicher.

We hope that you enjoy reading this issue.

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