



Aggregating clones,

colors, equations, iterates,

numbers, and tiles

**Edited by
János Aczél**

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Preface

The journal *aequationes mathematicae* publishes papers in pure and applied mathematics and, in particular, articles on functional equations, combinatorics and dynamical systems. Its 50th volume appears in 1995. To mark this occasion, we are publishing in book form a representative collection of outstanding survey papers assembled for our anniversary issue of *aequationes mathematicae*.

The articles by Quackenbush, Targonski and Moszner discuss composition of functions from different points of view: universal algebra, dynamical systems (iteration) and functional equations. The Ono-Robbins-Wahl and the Vince papers, on number theory and tiles, respectively, are thematically linked by lattices. Combinatorics, in turn, links the Vince paper with that of Tutte, whose subject is chromatic sums, its tools differential and functional equations. The Paganoni-Rätz and the Forti papers deal with conditional functional equations and with the related topic of stability. Applications to the social and behavioral sciences, in particular to aggregation (and some theory) are presented in the paper by J. Aczél.

The aim of the collection is to survey selected fields of current interest. We trust that it will be useful and informative for researchers, teachers, graduate and advanced undergraduate students of mathematics, and for those interested in applications in related fields.

János Aczél