ANNALES
MATHEMATICAE
SILESIANAE
13

Annales Mathematicae Silesianae is published by the Silesian University. The journal publishes original research papers in pure and applied mathematics.

EDITORIAL OFFICE
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Uniwersytet Śląski
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40–007 Katowice
Poland

PRACE NAUKOWE
UNIWERSYTETU
ŚLĄSKIEGO
W KATOWICACH
NR 1830

Annales Mathematicae Silesianae

13

WYDAWNICTWO UNIWERSYTETU ŚLĄSKIEGO
KATOWICE 1999

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Projekt okładki
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Wydawca
Wydawnictwo Uniwersytetu Śląskiego
ul. Bankowa 12B, 40–007 Katowice

Wydanie 1. Nakład 250 + 50 egz. + 25 nadb. Ark. druk. 17,75. Ark. wyd. 22,5. Przekazano do druku w listopadzie 1999 r. Papier offset kl. III 80 g. 70×100. Cena 27 zł

This journal was typeset by $\mathcal{A}_{\mathcal{M}}\mathcal{S}$-TEX, the TEX macro system of the American Mathematical Society.

Skład komputerowy tekstu: Aleksandra Kaptur
Instytut Matematyki, Uniwersytet Śląski

Druk i oprawa: Przedsiębiorstwo Miernictwa Górniczego. Spółka z o.o. w Katowicach
ul. Mikołowska 100a. Oddział Poligrafii

ISSN 0208–6336

ISSN 0860–2107

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Preface

The European Conference on Iteration Theory, ECIT 98, was held in Poland at Muszyna–Złockie, a spa in Beskidy Mountains, from August 30 to September 5, 1998. It was twelfth in a series of international meetings on iteration theory which started in Toulouse in 1973.

ECIT 98 was dedicated to the memory of Professor György Targonski, the creator and organizer of the whole cycle of the ECITs, who died on January 10, 1998, in Munich.

The Scientific Committee of the meeting consisted of Professors: L. Gardini (Urbino), Ch. Mira (Toulouse), L. Paganoni (Milano), L. Reich (Graz), J. Sousa Ramos (Lisboa), J. Smítal (Opava), M.C. Zdun (Kraków) (the local organizer). The 51 participants came from 11 countries: Austria, the Czech Republic, France, Germany, Italy, Poland, Portugal, Ukraine, Spain, Tunisia and the United States of America. Altogether 44 lectures were given.

The main aim of this Conference was, as of the previous ones, to stress the interaction between the theory of dynamical systems and that of functional equations. Both have a strong intersection, mainly concentrated in the iteration theory.

The Conference began with a session devoted to the life and work of György Targonski. A commemorative lecture was prepared by Dr. Jolán Targonski and Professor Bogdan Choczewski (the speaker). The other talks were focused on the following topics: topological dynamics, discrete dynamical systems, especially dynamics of triangular maps, theory of chaos, bifurcation, iteration groups, iterative roots and functional equations connected with the iteration theory. A number of sessions was devoted to problems and remarks.

Thanks to Professor Witold Jarczyk the present Proceedings are published as a separate volume of the "Annales Mathematicae Silesianae". His editorial work is also appreciated very much. The volume contains the paper based on the biographical talk which is completed by the bibliography of Győrgy Targonski's scientific legacy and 22 papers which originated from the lectures given at the Conference.

The Conference was supported by the Polish State Committee for Scientific Research (KBN) and by the Polish Academy of Science (PAN). Special thanks are due to Mrs. Jolán Targonski, who generously supported the publishing of the present Proceedings.

For the organizational work before, during and after the Conference, special thanks are due to Ewa Dudek, Janina Wiercioch, Władysław Wilk and Dr. Zbigniew Leśniak (scientific secretary).

ECIT 2000 will be held at Murcia in Spain.

Marek Cezary Zdun