

## FOREWORD

This number of the journal *Mathematical Reports* is dedicated to events that happened during the recent years: to the memory of Professor Cabiria Andreian Cazacu, who passed away on the 28th of May 2018, to the memory of Professor Raimo Näkki, who passed away on the 14th of September 2019, and contains the proceedings volume of the 15th Romanian-Finnish Seminar that was held jointly with the 10th Conference on Function Spaces, Differential Operators, and Nonlinear Analysis in June 10–15, 2019 in Turku (Finland). The first five articles have been obtained by specially inviting mathematicians that personally knew Professor Cabiria Andreian Cazacu and did not participate to the seminar.

These events have in common the Romanian-Finnish Seminar, initiated by Simion Stoilow and Rolf Nevanlinna during an international meeting in Helsinki in 1957, that has effectively started in 1969 in Braşov (Romania) and continued alternatively since then in Finland and Romania. Professor Cabiria Andreian Cazacu was one of the most active organizers of these seminars and an editor of many proceedings volumes while Professor Raimo Näkki was an invited speaker of one of the first editions of this seminar.

This number has two articles that briefly present the life and mathematical achievements of Professor Cabiria Andreian Cazacu and Professor Raimo Näkki. The interested reader can find a more comprehensive presentation of the life and mathematical achievements of Professor Cabiria Andreian Cazacu in the article of Mihai Cristea in *Complex Var. Elliptic Equ.* **55**(2010), no. 1-3, 1–12, that was written on the occasion of her 80th anniversary.

The variety of topics of the articles published in this number reflects the diversity of these meetings, ranging from complex analysis of one variable and of several variables, to spaces of analytic functions and of harmonic functions, spectral theory of differential and partial differential operators, analysis on Riemannian manifolds, operator theory on quaternionic spaces, optimization problems, and a few others. All these have in common analysis, that is the main topic of the professional meetings that gravitate around the Romanian-Finnish seminar.

All articles have been carefully peer-reviewed and reflect the modern trends in mathematics. The conference in Turku was supported financially

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This number was supposed to be issued in 2020 but, due to the pandemic situation, it was delayed by one year. The editors want to thank all the contributors for taking their time and contribute to this proceedings and memorial volume, and for their understanding.

Guest Editors: Lucian BEZNEA, Aurelian GHEONDEA, Peter HÄSTÖ,  
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