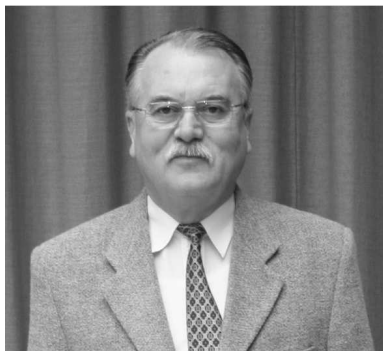


## Preface to the Special Issue dedicated to Professor István Györi



This Special Issue of International Journal of Qualitative Theory of Differential Equations and Applications is dedicated to Professor István Györi on the occasion of his sixtyfifth birthday. It contains selected papers mainly from those presented at the conference “International Conference on Differential and Difference Equations”, Veszprém, Hungary, July 14–17, 2008. In the conference dedicated to the sixtyfifth birthday of István Györi, there were 50 participants from 17 countries presenting 50 talks.

István Györi graduated from Attila József University in Szeged, Hungary in 1968. Until 1993, he worked as the head of the Computing Centre of the Albert Szent-Györgyi Medical University in Szeged, at the same time he was also a lecturer in math at the Attila József University. In 1976 he received his Candidate in Science degree, and in 1992 he received the scientific degree Doctor in Science in mathematics. Since 1993 he has been working at the University of Pannonia (formerly called University of Veszprém), Hungary as a full-professor of mathematics and the head of the Department of Mathematics and Computing. In the period 1995–1998 he was the President of the University of Veszprém.

István Györi has obtained his most significant scientific results in the theory of oscillation and stability of delay differential and difference equations. Among his numerous important results we mention only the well-known os-

cillation theorem obtained jointly with Professor Ovide Arino. It says that for a general class of linear autonomous retarded functional differential equations the oscillation of all solutions is equivalent to the nonexistence of a real root of the characteristic equation. István Győri has published more than one hundred scientific papers on this topic including his monograph on oscillation theory written jointly with Professor Gerry Ladas (*Oscillation Theory for Delay Differential Equations with Applications*, Oxford University Press, Oxford, 1991). Moreover, he has about fifty papers in medical and informatics applications.

István Győri is a well-known and respected researcher in the mathematical community. His open problems and papers have motivated further research, more than 1500 citations to his papers can be counted in the literature. He published papers together with more than 30 coauthors, he has been a supervisor of several PhD dissertations. In Veszprém he has organized a research group in differential and difference equations.

István Győri acts as a member of the editorial boards of international scientific journals, he has been an invited lecturer and a member of the scientific and organizing committees of numerous international conferences. In particular, he organized two conferences in Veszprém in 1995 and 1996. Based on his scientific and teaching activities, he has received several scientific awards.

We have been delighted to edit this issue to celebrate our colleague and friend, István. On behalf of all the contributors of this volume, all the participants of the conference, and his colleagues and students, we wish him many further years of good health.

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