Foreword

László Kálmán and András Kornai, two outstanding linguists who have influenced generations of students and colleagues around the world, celebrated their 60th birthdays in 2017. This collection is a revised and extended version of the online Festschrift *K+K=120* (www.nytud.hu/kk120), published for the occasion in 2017, featuring papers written by their students, friends, collaborators, and other scholars who, by being part of the project, wanted to express their appreciation for András and László.

László Kálmán's main interests lie in the theory of grammar, formal semantics and computational linguistics, but there is virtually no subdomain of linguistics that he hasn't tried his hands at. He has written about phonology, morphology, (lexical) syntax, pragmatics, as well as problems of compositionality, analogy-based learning, monotonicity, and commonsense reasoning. He coauthored and edited a volume on descriptive Hungarian syntax (2001), coauthored a descriptive grammar of Boyash (2009, with Anna Orsós) and several textbooks (in 2002 with Gábor Rádai, and in 2007 with Viktor Trón, among others). He has also made significant contributions to the popularization of science and to reforming the teaching of Hungarian grammar at Hungarian primary and secondary schools.

András Kornai has, since the early 1980s, pursued research at the intersection of mathematics and linguistics. Over the past four decades he made influential contributions to all major areas of (computational) linguistics, some notable examples of which are his formal construction of X-bar theory with Geoffrey K. Pullum (1990), and his monographs on morphology (1994), phonology (1995), mathematical linguistics (2007), and semantics (2019). Over the last 15 years, András has also established a new school of human language technologies in Budapest, mentoring and leading an interdisciplinary team of mathematicians, linguists and engineers.

András and László, beyond their extensively overlapping interests across a broad range of research topics, also share numerous rare scholarly and human qualities. These include their outstanding intellectual abilities, which enabled them to become experts in an exceptionally wide range of domains spanning linguistics, mathematics and computer science. Further, both of them are known for their rigorous standards and uncompromising critical attitude, which, however, they are ready to apply to themselves as much as to others. All this already showcases László and András as creative scholars; but their spark and flair bear mentioning also: colleagues

and students of theirs have always appreciated their witty, open-minded, approachable and entertaining personalities, and their ability to pursue interesting conversations with anyone on just about any topic. These qualities, in addition to their intellectual abilities and enthusiasm for teaching, have made them inspiring teachers and mentors for many generations of students, some of whom appear as authors in this collection. The diversity of topics appearing in this Festschrift is illustration of the variety of fields on which the work of Kálmán and Kornai has made an impact, including virtually all branches of theoretical linguistics and their intersections with mathematics and computer science.

The number and scope of manuscripts received was vast and the editors are greatly indebted to all those who have supported the seemingly endless process of compiling this collection. For reviewing the contributions to the volume, we thank all the authors as well as Thomas Graf, Péter Rebrus, Paul Thompson, Dániel Varga, Dániel Vásárhelyi, Richard Zach, and Zsófia Zvolenszky. We are also grateful to Zoltán G. Kiss for typesetting the volume, to Uwe Reichel for technical assistance, to Zsófia Zvolenszky for her help with the current Foreword, and to András Rung for the painting on the cover (prepared for this occasion) and for the cover design. For their help with the organization of the birthday workshop, for financial support for the production of the Festschrift and for taking on the role of the publisher we wish to express our gratitude to the MTA Research Institute for Linguistics, particularly to Veronika Lipp, Gábor Prószéky, Ágnes Talián, Judit Temesvári and Tamás Váradi.

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the editors