



Antal Iványi
(1942–2017)

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Professor Antal Iványi, an active and always helpful member of our editorial board, passed away on January 8, 2017 at the age of 75. He was born in Kecskemét on January 23, 1942. After graduating from the Faculty of Chemical Engineering Veszprém in 1965, he obtained a degree in Mathematics from Eötvös Loránd University (ELTE) Budapest in 1969. From 1971 he taught

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at the Department of Numerical and Computational Mathematics (since 2003 Faculty of Informatics) of ELTE Budapest until his retiring in 2012.

His interest turned to computers and their applications early. Initially, he taught mathematics students subjects such as Computational Mathematics, Programming of Digital Electronic Computers, ALGOL Programming with Chemical Applications etc. Between 1972 and 1975, and later in 1983-84, he studied and worked at the Moscow State University. He received his university doctor degree in 1972, afterwards he earned his CSc (candidate of science) in 1978, and his DSc (doctor of science) in 1984, in Mathematics and Computer Science.

He initiated and organized between 1984 and 1989 the international conference of young program designer at the ELTE Budapest.

He was not only a professor and researcher, but an outstanding educator, educational organizer, book writer, translator and editor. His books and edited volumes contribute significantly to the development of Hungarian computer science education. We mention here only the most important translations and volumes coordinated by Professor Iványi:

- Cormen–Leiserson–Rivest: Introduction to Algorithms,
- Cormen–Leiserson–Rivest–Stein: Introduction to Algorithms,
- Donald E. Knuth: The Art of Computer Programming (issues of vol. 4),
- Algorithms of Informatics (three volumes in Hungarian and English).

Professor Iványi was also a former competitor of the University Athletics Club of Budapest (BEAC). He liked chess, bridge and sudoku too.

For his outstanding work he received the Neumann Prize awarded by the John von Neumann Computer Society (Budapest) in 2005.

Despite his illness, he remained active until the end of his life. His last edited book has been left unfinished.

With a terrible feeling of pain and loss, we say goodbye to our colleague and friend. We shall treasure his memory!

On behalf of the Editorial Board

Z. Kása

In memoriam

When I try to invoke the memory of our colleague and friend, Anti Iványi (Toncsi, Tony), I can recall four situations of our long-life relationship.

Anti, the teacher

It goes back to 1971 when I first met him. I was a second-year student when Anti (not yet 30) gave us a course in Numerical mathematics. It was a reve-

lation for us at that time that commonly known constants can be computed to many digits or transcendental equations can be solved approximately by root-finding algorithms. At the end of the semester the enthusiastic teacher could give a mark "five" (excellent) to his dedicated student. This mark and his signature is a curiously valuable entry in my university record book.

Anti, the editor of the book *Algoritmusok*

A great adventure of his active life was to manage the Hungarian translation of the book *Introduction to Algorithms* by Cormen et al. This book brought the wonderful experience of the common creative work with Anti. We had been co-designers of the cover of the book. Remember that A. Calder's "Big Red" appearing on the original book cover lets the reader associate to the data structure "tree". During a long conversation an idea popped in our heads: for the cover of the Hungarian edition a "Hungarian tree" would be most suitable. The next thought already was Csontváry's "The Lonely Cedar". However, to translate this idea into action turned out to be extremely hard (copyright problems, poor quality diapositives) and any person other than Anti presumably would have given up the realization. Finally, in 1997 the *Algoritmusok* appeared with its attractive cover.

Anti, the tennis partner

From the second part of the '80-s we were bound by the love of tennis. Through nearly 30 years we played a lot against each other and together in a double. Anti as a double partner was really amazing. From the very first moment until the last one it was unquestionably a team on the court. The responsibility and the assistance for each other was achieved beside him on a high level. He never exhausted, which was quite unbelievable to see, not even in an extremely hot weather. He always wanted to win and he never gave up.

Anti, the trusted friend

His long struggle with illness began in 2004 when Anti had the first surgery. He spent a longer period in the hospital and I visited him two or three times in a week. He asked me to manage his extensive electronic correspondence. I was allowed to answer the easy letters independently (with naming the situation). However, I had to print out the more complicated ones, and during the visiting time Anti compiled the similarly complex answers using a red pen. In the third week, I was heavily interested in his healing, as I felt. Coming back to

the university he mentioned in laughs several times that my letters certainly improved his human relations. After a long and desperate battle with illness in January this year, Anti passed away. He was a unique man who always tried to be fairly similar to majority but he remained an individual, from the distance he kept, a lovable individual.

István Fekete

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