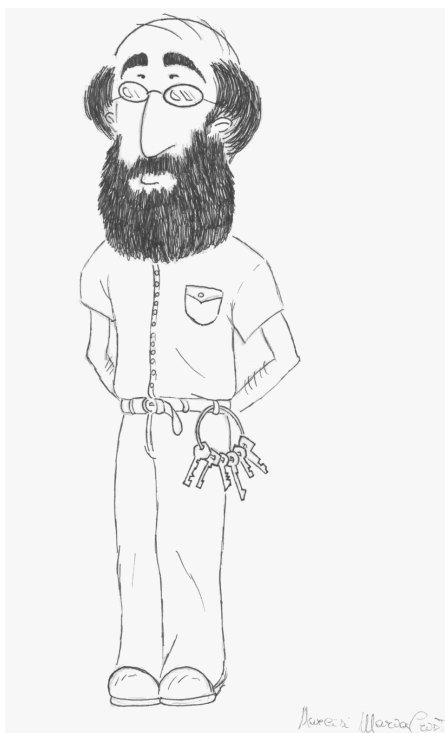


Preface

This part of Volume 53 of RIMUT is dedicated to professor Eugenio Omodeo on the occasion of his seventieth birthday. This section, having Alberto Casagrande as guest editor, contains invited papers from mathematicians who have collaborated with Eugenio in various ways. We are grateful to all of them for their contributions. Many thanks also to the referees who helped us in preparing the special issue.



Eugenio Giovanni Omodeo was born in Pisa on February 25th, 1951. The family environment was steeped in culture. His grandfather Adolfo Omodeo had been an esteemed historian, rector of the University of Naples and minister of Education. His father Pietro is a biologist, and his mother Miriam Donadoni

was a pianist and musicologist. Eugenio spent much of his youth in Siena and then moved to Padova where, in 1975, he took his Italian master degree in Mathematics under the supervision of Aldo Bressan. Successively, he moved to New York, and he earned a Master of Science degree in 1979 and a Ph.D. in Computer Science in 1984 from the New York University under the supervision of Martin Davis. He married Paola Fraticelli and became the father of Pietro (1979) and Sara (1981).

During his American experience, he was awarded many fellowships from the C.N.R. (Italian National Research Council). Moreover, he got two research assistantships: the first one at the NYU Department of Economics working with Andrew Schotter in 1978/79, and the second one in 1979/80 at the NYU Computer Science Department for collaborating with Jacob Schwartz to *Ætnanova/Referee*, an interactive proof verifier implemented by using a high-level set theory-inspired language, SETL2.

From 1981 to 1989, Eugenio Omodeo was employed by the ENI Group: the Italian National Energy and Hydrocarbon Group. From 1981 to 1984, he worked on implementing a computerized system for simulating the dynamics of large-scale gas networks and computing their stationary solutions. In 1984, he was appointed coordinator of the ENIData R&D activities in Advanced Information Processing. He led a team consisting of more than 15 people in this role. He was involved in many projects funded by the Commission of the European Communities and by E.N.I. on declarative programming with sets and its applications in both artificial intelligence and quick prototyping.

Eugenio Omodeo entered the Academic and was appointed associate professor in Udine in 1989. One year later, he moved to the University “La Sapienza” in Rome, where he worked for four successive years. In 1994, he became a full professor at the University of Salerno. After one year, he relocated to the University of L’Aquila, where he was one of the founders of the Department in Computer Science and held the position of director of the Graduate Studies in Computer Science and Applications from 2001 to 2004. In that year, he relocated to the University of Trieste where he also was rector’s delegate for I.T. services from 2007 to 2009. He remained in Trieste until his retirement in 2020.

Eugenio is a distinguished scientist, with multiple research interests: automated reasoning, computational logic, proof verification, computable set theory, declarative programming, and algebraic logic. He was often invited as a speaker at international conferences and, during his career, he wrote four books and more than one hundred articles. Eugenio has taught dozens of courses and has followed the theses of numerous students of both Computer Science and Engineering and Mathematics. Now Eugenio is happily retired, but he is always active and full of interests. We wish him to continue like this for many more years.