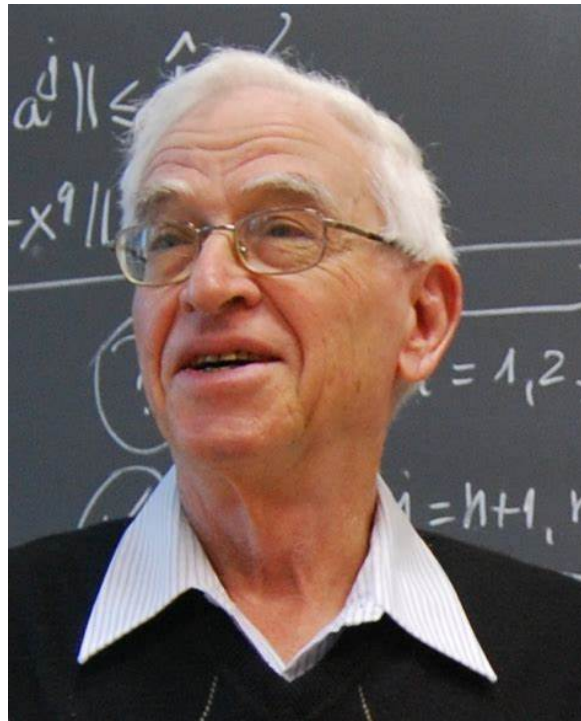


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**EDITORIAL**  
**SPECIAL ISSUE ON RECENT TRENDS IN APPLIED ANALYSIS AND  
COMPUTATIONAL OPTIMIZATION, DEDICATED TO YAIR CENSOR ON THE  
OCCASION OF HIS 80TH BIRTHDAY**



This special issue on Recent Trends in Applied Analysis and Computational Optimization is edited in honor of Professor Yair Censor, Professor Emeritus of Mathematics at the University of Haifa, on the occasion of his 80th birthday for his substantial contribution to Applied Analysis and Computational Optimization and his scientific leadership.

Professor Yair Censor was born in Rishon LeZion, Israel, in 1943. He received his D.Sc. degree in mathematics from the Technion-Israel Institute of Technology in Haifa, Israel, in

1975, and joined the faculty of the University of Haifa in 1979. His fields of interest include optimization theory, convex analysis and numerical analysis, and their application to inverse problems in image reconstruction from projections, in intensity-modulated radiation therapy (IMRT), in proton computed tomography (pCT), and in intensity-modulated proton therapy (IMPT).

During his research career, Professor Censor has published more than 170 research papers, which have a great impact on the research in applied analysis and computational optimization, as well as on a wide range of their real-world applications. According to Google Scholar, Professor Censor's publications were cited 18,924 times in various peer-reviewed international journals. Professor Censor received the 1999 INFORMS Computing Society (ICS) Prize for his book, coauthored with Stavros Zenios, "Parallel Optimization: Theory, Algorithms, and Applications, Oxford University Press, New York, 1997".

This Special Issue consists of two parts, presenting works of contributors from more than ten countries/regions worldwide. Several contributions are due to experienced researchers and many of them have shared with Yair an intense scientific and personal collaboration. We want to thank all the Authors and Referees that made this Special Issue possible. It has been an honor for us to act as Guest Editors of this Special Issue and thereby contribute to the recognition of Yair's impact and legacy. We hope that the readers will enjoy it.

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