

informs

Institute for Operations Research
and the Management Sciences

COMPUTING SOCIETY

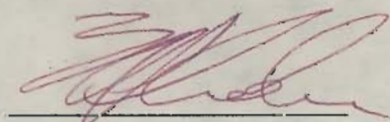
Awards The 1999 ICS Prize
for
Research Excellence In The Interface
Between Operations Research And Computer Science
to

Yair Censor
and
Stavros A. Zenios

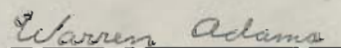
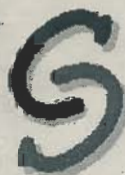
for their book

"Parallel Optimization: Theory, Algorithms, and Applications"
Oxford University Press (1997)

This book presents an excellent survey of the important and far reaching area of parallel optimization. The three major emphases of theory, mathematical algorithms, and significant real-world applications are nicely blended together to afford a comprehensive, broad perspective on parallel computing. This well-written and well-organized book details recent advances in parallel optimization, incorporating the authors' own contributions to the field. The exploitation of parallelism in developing superior computational algorithms is at the very core of the operations research/computer science interface. Given its clear relevance to solving large-scale problems, parallel computing promises to be a long-term, critical component in the design and implementation of optimization methods. This book is an ideal reference work that provides a unified perspective on the theoretical, computational, and modeling aspects of this increasingly important area.



Harlan Crowder
President, ICS



Warren Adams
Chair, ICS Prize Committee