## PERSPECTIVES IN OPERATIONS RESEARCH

Papers in Honor of Saul Gass' 80th Birthday

## Edited by

FRANCIS B. ALT University of Maryland

MICHAEL C. FU University of Maryland

BRUCE L. GOLDEN University of Maryland



zur

## Contents

Photo Gallery 1	
Part I History & Perspectives	
Reflections on Saul Gass' Influence Rudolph P. Lamone	
Four Score Years of Saul I. Gass: Portrait of an OR Professional Arjang A. Assad	
In the Beginning: Saul Gass and Other Pioneers  Alfred Blumstein	
Learning from the Master: Saul Gass, Linear Programming and the OR Profession  Thomas Magnanti	
Looking Backwards, Looking Forwards: Reflections on Definitions of Operations Research by Morse and Kimball Richard Larson	
Ben Franklin: America's First Operations Researcher  Bruce L. Golden	
Good Management, the Missing XYZ Variables of OR Texts  Kenneth Chelst and Gang Wang	
The Operations Research Profession: Westward, Look, the Land is Bright	
$Randall\ S.\ Robinson \ldots 135$	

Part II Optimization & Heuristic Search
Choosing a Combinatorial Auction Design: An Illustrated Example
Karla Hoffman
Label-Correcting Shortest Path Algorithms Revisited  María G. Bardossy and Douglas R. Shier
The Ubiquitous Farkas Lemma Rakesh V. Vohra
Parametric Cardinality Probing in Set Partitioning Anito Joseph and Edward Baker
A Counting Problem in Linear Programming  Jim Lawrence
Towards Exposing the Applicability of Gass & Saaty's Parametric Programming Procedure Kweku-Muata Osei-Bryson
The Noisy Euclidean Traveling Salesman Problem: A Computational Analysis Feiyue Li, Bruce Golden, and Edward Wasil
The Close Enough Traveling Salesman Problem: A Discussion of Several Heuristics  Damon J. Gulczynski, Jeffrey W. Heath, and Carter C. Price
Twinless Strongly Connected Components S. Raghavan
Part III Modeling & Making Decisions
EOQ Rides Again!  Beryl E. Castello and Alan J. Goldman
Federal Express Sort Facility Employee Scheduling Problem  Lawrence Bodin, Zhanging Zhao, Michael Ball, Atul Bhatt, Guruprasad  Pundoor, and Joe Seviek
Sensitivity Analysis in Monte Carlo Simulation of Stochastic Activity Networks  Michael C. Fu

Contents

IX