



Profiles in Operations Research: Pioneers and Innovators (International Series in Operations Research & Management Science)

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Profiles in Operations Research: Pioneers and Innovators recounts the development of the field of Operations Research (OR), the science of decision making. The book traces the development of OR from its military origins to a mature discipline that is recognized worldwide for its contributions to managerial planning and complex global operations. Over the past six decades, OR analyses have impacted our daily lives: when making an airline or hotel reservation, waiting in line at a bank, getting the correctly blended fuel at the gas station, and ensuring that the book you are holding arrived at its destination on time. OR originated in the late 1930s when British scientists from various disciplines joined Royal Air Force officers to determine the most effective way to employ new radar technology for intercepting enemy aircraft. During World War II, similar applied research groups were formed to study, test, and evaluate military operations on both sides of the Atlantic. Their work resulted in great improvements?OR helped the Allies win the war. The scientific field that emerged from these studies was called operational research in the U.K. and operations research in the U.S. Today, OR provides a broad and powerful science to aid decision making.

Profiles describes the lives and contributions of 43 OR pioneers and innovators and relates how these individuals, with varying backgrounds and diverse interests, were drawn to the nascent field of OR. The profiles also describe how OR techniques and applications expanded considerably beyond the military context to find new domains in business and industry. In addition to their scientific contributions, these profiles capture the life stories of the individuals?interwoven with personal tales, vivid vignettes, family backgrounds, and views of the mission and future of OR. Collectively, the profiles recount the fascinating story of the growth and development of a field enriched by the convergence of different disciplines.

The Editors: Arjang A. Assad is Dean of the School of Management, University

at Buffalo, State University of New York. Saul I. Gass is Professor Emeritus, Department of Decision, Operations & Information Technologies, Smith School of Business, University of Maryland, College Park.

From the Reviews

Profiles In Operations Research: Pioneers and Innovators.

Book Review by Nigel Cummings: U.K. OR Society's e-journal, *Inside OR.*, Sept 2011.

"I can thoroughly recommend this book. I found it both enlightening and undeniably gripping, so much so in fact, you may find it difficult to put it down once you have commenced reading it.

Arjang A. Assad and Saul I. Gass have created a masterwork which will serve to immortalise [stet] the pioneers of O.R. for many years to come."

*For a list of all known typos, plus further discussion on the book, please visit <http://profilesinoperationsresearch.com>.

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Editorial Review

Review

From the reviews:

“Profiles in Operations Research: Pioneers and Innovators, a volume that should be sitting on every operations researcher’s bookshelf, well dog-eared from having been read and reread, is such a book. ... beyond reading Profiles in Operations Research for personal pleasure, this book should be standard reading and discussion material in the first doctoral seminar for our graduate students. ... So, obtain your copy of this book. It will be well worth your investment.” (Paul Gray, *Interfaces*, Vol. 42 (1), January-February, 2012)

“This massive volume is a priceless contribution to the history of OR. ... will remain a very rich source of information for many years to come. ... This book is a significant contribution to the fascinating literature on the history of OR. ... Assad and Gass deserve much credit for again offering to the OR community this work on the origins, developments and accomplishments of those who shaped this wonderful applied science called Operations Research.” (Hans W. Ittmann, *IFORS Newsletter*, Vol. 5 (4), December, 2011)

From the Back Cover

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Users Review

From reader reviews:

Eduardo Baro:

Reading a publication tends to be new life style in this era globalization. With examining you can get a lot of information that could give you benefit in your life. Together with book everyone in this world could share their idea. Books can also inspire a lot of people. Plenty of author can inspire their very own reader with their story or even their experience. Not only the storyplot that share in the ebooks. But also they write about advantage about something that you need example of this. How to get the good score toefl, or how to teach children, there are many kinds of book which exist now. The authors nowadays always try to improve their proficiency in writing, they also doing some analysis before they write with their book. One of them is this Profiles in Operations Research: Pioneers and Innovators (International Series in Operations Research & Management Science).

Jack Unger:

A lot of people always spent their free time to vacation or perhaps go to the outside with them household or their friend. Do you realize? Many a lot of people spent these people free time just watching TV, or maybe playing video games all day long. In order to try to find a new activity that's look different you can read any book. It is really fun for you. If you enjoy the book that you simply read you can spent the entire day to reading a book. The book Profiles in Operations Research: Pioneers and Innovators (International Series in Operations Research & Management Science) it doesn't matter what good to read. There are a lot of those who recommended this book. We were holding enjoying reading this book. In case you did not have enough space bringing this book you can buy the actual e-book. You can more quickly to read this book through your smart phone. The price is not to cover but this book offers high quality.

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