



An Annotated Timeline of Operations Research: An Informal History, ISSN 0884-8289, Saul I. Gass, Arjang A. Assad, Springer, 2006, 038725837X, 9780387258379, 228 pages. An Annotated Timeline of Operations Research: An Informal History recounts the evolution of Operations Research (OR) as a new science - the science of decision making. Arising from the urgent operational issues of World War II, the philosophy and methodology of OR has permeated the resolution of decision problems in business, industry, and government. The Timeline chronicles the history of OR in the form of self-contained, expository entries. Each entry presents a concise explanation of the events and people under discussion, and provides key sources where further relevant information can be obtained. In addition, books and papers that have influenced the development of OR or helped to educate the first generations of OR academics and practitioners are cited throughout the book. Starting in 1564 with seminal ideas that form the precursors of OR, the Timeline traces the key ideas and events of OR through 2004. The Timeline should interest anyone involved in OR - researchers, practitioners, academics, and, especially, students - who wish to learn how OR came into being. Further, the scope and expository style of the Timeline should make it of value to the general reader interested in the development of science and technology in the last half of the twentieth century. - The U.S. World War II OR analyst assigned to the 8th Air force in England who later became a Supreme Court justice; - Who first solved the general n-point facility location problem when he was 16 years old; - Why did the economist T.C. Koopmans give away a third of his 1975 Nobel prize in economics; - Who wrote the first book on OR methods in 1946 and why was it not published until 1951?.

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Great ideas of operations research , Jagjit Singh, 1968, , 228 pages. .

Systems, Experts, and Computers The Systems Approach in Management and Engineering, World War II and After, Agatha C. Hughes, Thomas Parke Hughes, 2000, Computers, 513 pages. This groundbreaking book charts the origins and spread of the systems movement..

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Microcomputer decision support systems design, implementation, and evaluation, Stephen J. Andriole, 1986, Computers, 357 pages. .

An Annotated Timeline of Operations Research: An Informal History recounts the evolution of Operations Research (OR) as a new science - the science of decision making. Arising from the urgent operational issues of World War II, the philosophy and methodology of OR has permeated the resolution of decision problems in business, industry, and government. The Timeline chronicles the history of OR in the form of self-contained, expository entries. Each entry presents a concise explanation of the events and people under discussion, and provides key sources where further relevant information can be obtained. In addition, books and papers that have influenced the development of OR or helped to educate the first generations of OR academics and practitioners are cited throughout the book. Starting in 1564 with seminal ideas that form the precursors of OR, the Timeline traces the key ideas and events of OR through 2004. The Timeline should interest anyone involved in OR - researchers, practitioners, academics, and, especially, students - who wish to learn how OR came into being. Further, the scope and expository style of the Timeline should make it of value to the general reader interested in the development of science and technology in the last half of the twentieth century. DO YOU KNOW: The U. S. World War II OR analyst assigned to the 8th Air force in England who later became a Supreme Court justice; Who first solved the general n-point facility location problem when he was 16 years old; Why did the economist T.C. Koopmans give away a third of his 1975 Nobel prize in economics; Who wrote the first book on OR methods in 1946 and why was it not published until 1951? £/LIST£

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The primary purpose of TUTORIALS ON EMERGING METHODOLOGIES AND APPLICATIONS IN OPERATIONS RESEARCH is to provide a reference for practitioners and academics who seek a clear, concise presentation of developing methodologies, hence providing themselves with the capability to apply these methods to new problems. The field of Operations Research is always changing. Its changes are driven by the technology it uses and that it extends, and the applications that it affects. Relevant changes in the field have a permanent effect on the conduct of OR and are vital to anyone who wants to be current in the field. Each chapter presents a new developing methodology in Operations Research. Each chapter examines each topic with clarity and depth, and organizes the examination around the following questions: (1) What the developing methodology basically is about? (2) Why is it important? and (3) Where can I learn more?

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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."

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