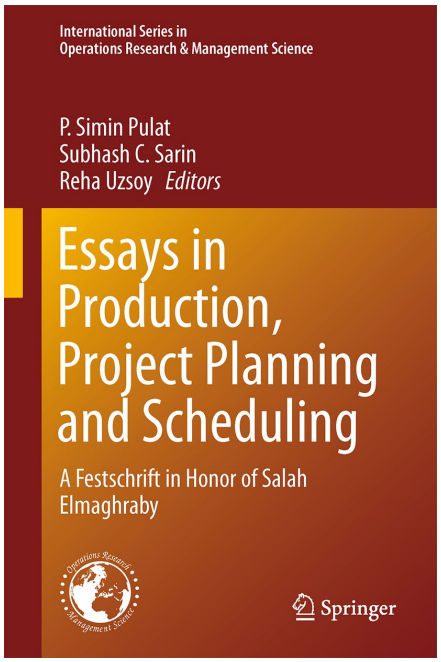

Springer

1st edition

2014, XIV, 414 p. 102 illus., 30 illus. in color.

Printed book
Hardcover

Printed book
Hardcover
ISBN 978-1-4614-9055-5
$ 169,99
Available

Discount group
Professional Books (2)

Product category
Monograph

Series
International Series in Operations Research & Management Science

Other renditions
Softcover
ISBN 978-1-4614-9057-9
Softcover
ISBN 978-1-4899-7955-1

Business and Management : Operation Research/Decision Theory

Pulat, P.S., Sarin, S.C., Uzsoy, R. (Eds.)

Essays in Production, Project Planning and Scheduling

A Festschrift in Honor of Salah Elmaghraby

- Elmaghraby and editors are among the most prestigious names in the field
- Presents state-of-the-art tutorials and research in production planning and project management
- Focuses on the development and analysis of activity network models

From the Preface: This festschrift is devoted to recognize the career of a man who not only witnessed the growth of operations research from its inception, but also contributed significantly to this growth. Dr. Salah E. Elmaghraby received his doctorate degree from Cornell University in 1958, and since then, his scholarly contributions have enriched the fields of production planning and scheduling and project scheduling. This collection of papers is contributed in his honor by his students, colleagues, and acquaintances. It offers a tribute to the inspiration received from his work, and from his guidance and advice over the years, and recognizes the legacy of his many contributions. Dr. Elmaghraby is a pioneer in the area of project scheduling (in particular, project planning and control through network models, for which he coined the term 'activity networks'.) In his initial work in this area, he developed an algebra based on signal flow graphs and semi-Markov processes for analyzing generalized activity networks involving activities with probabilistic durations. This work led to the development of what was later known as the Graphical Evaluation and Review Technique (GERT), and GERT simulation models. He has made fundamental contributions in determining criticality indices for activities, in developing methodologies for project compression and time /cost analysis, and in the use of stochastic and chance-constrained programming and Petri Nets for the analysis of activity networks.

Order online at springer.com/booksellers
Springer Nature Customer Service Center LLC
233 Spring Street
New York, NY 10013
USA
T: +1-800-SPRINGER NATURE
(777-4643) or 212-460-1500
customerservice@springernature.com

ISBN 978-1-4614-9055-5 / BIC: KJT / SPRINGER NATURE: SC521000