Operations Research

Publication details, including instructions for authors and subscription information:
http://pubsonline.informs.org

Associate Editors and Referees

To cite this article:
(1988) Associate Editors and Referees. Operations Research 36(2):371-372. https://doi.org/10.1287/opre.36.2.371

ASSOCIATE EDITORS AND REFEREES

The editors would like to acknowledge the contribution made by the associate editors and referees listed below; without their help, this special issue would not have been possible.

Associate Editors

Professor R. Bohn, Harvard University
Dr. L. Burns, General Motors Research Labs
Professor H. Emmons, Case Western University
Dr. S. Gershwin, Massachusetts Institute of Technology
Professor S. C. Graves, Massachusetts Institute of Technology
Professor H. Groenevelt, University of Rochester
Professor E. P. C. Kao, University of Houston
Professor H. Lee, Stanford University
Professor K. Martin, University of Chicago
Professor H. Matsuo, University of Texas at Austin
Dr. J. C. Mitchell, Citibank
Dr. D. Rosenfield, Arthur D. Little, Inc.
Professor P. Zipkin, Columbia University

Referees

Professor P. Afentakis, Syracuse University
Professor R. Ahmadi, University of Texas at Austin
Professor S. L. Albin, Rutgers University
Dr. J. M. Alden, General Motors Research Labs
Professor P. Algoet, Boston University
Professor J. C. Ammons, Georgia Institute of Technology
Professor S. B. Axsater, Lulea University of Technology
Professor U. Bagchi, University of Texas at Austin
Professor A. Balakrishnan, Purdue University
Professor J. Baras, University of Maryland
Professor J. C. Bean, University of Michigan
Professor O. Berman, University of Massachusetts
Professor J. R. Birge, University of Michigan
Professor D. Bishop, Harvard University
Professor J. D. Blackburn, Vanderbilt University
Dr. D. E. Blumenfeld, General Motors Research Labs
Professor R. E. Bohn, Harvard University
Professor D. J. Braden, University of Rochester
Professor M. L. Brandeau, Stanford University
Dr. L. D. Burns, General Motors Research Labs
Professor M. Caramanis, Boston University
Professor R. C. Carlson, Stanford University
Dr. M. Carter, General Motors Research Labs
Professor C. G. Cassandras, University of Massachusetts
Professor A. K. Chakravarty, University of Wisconsin
Professor S. Chand, Purdue University
Professor Y. L. Chang, Ohio State University
Dr. A. Chatterjee, AT&T Bell Laboratories
Professor S. Chiu, Stanford University
Professor Y. F. Choong, Massachusetts Institute of Technology
Professor R. Conway, Cornell University
Mr. S. Dasu, Massachusetts Institute of Technology
Professor M. I. Dessouky, University of Illinois at Urbana
Professor G. Dobson, University of Rochester
Professor B. Faaland, University of Washington
Professor C. H. Fine, Massachusetts Institute of Technology
Professor M. S. Fox, Carnegie-Mellon University
Professor R. Garfinkel, University of New York
Professor B. Gavish, Naval Postgraduate School
Dr. D. Gonsalvez, General Motors Research Labs
Professor S. C. Graves, Massachusetts Institute of Technology
Professor A. Greenfield, University of Pennsylvania
Professor H. Groenvelt, University of Rochester
Professor P. T. Harker, University of Pennsylvania
Professor A. B. Haurie, University of Montreal
Professor S. Helper, Boston University
Professor J. E. Hodder, Stanford University
Professor P. Jackson, Cornell University
Professor F. R. Jacobs, Indiana University
Professor P. C. Jones, Northwestern University
Professor S. Jorgensen, Copenhagen School of Economics and Business Administration
Dr. L. J. Juergens, General Motors Research Labs
Professor S. Kekre, Carnegie-Mellon University
Professor T. D. Klastorin, University of Washington
Professor J. Klein, Harvard University
Dr. J. G. Klincewicz, AT&T Bell Laboratories
Professor P. Kouvelis, Stanford University
Professor N. Kulatilaka, Boston University
Professor P. J. Lederer, University of Rochester
Professor C. Y. Lee, University of Florida
Professor H. L. Lee, Stanford University
Professor L. Li, Massachusetts Institute of Technology
Professor C. Libosvar, Massachusetts Institute of Technology
Professor S. Lou, Massachusetts Institute of Technology
Professor K. Martin, University of Chicago

Subject classification: 000

0030-364X/88/3602-0371 $01.25

Dr. E. Marujo, I.T.A., Brazil
Professor H. Matsuo, University of Texas at Austin
Professor W. L. Maxwell, Cornell University
Professor J. B. Mazzola, Duke University
Professor P. B. Mirchandani, Rensselaer Polytechnic Institute
Dr. J. C. Mitchell, Citibank
Professor K. Moinzaheh, University of Washington
Professor T. E. Morton, Carnegie-Mellon University
Professor S. Nahmias, Santa Clara University
Professor C. H. Nevison, Colgate University
Professor M. L. Pinedo, Columbia University
Professor M. E. Plasner, Ohio State University
Professor L. K. Platzman, Georgia Institute of Technology
Professor R. M. Rachamadugu, University of Michigan
Professor S. Rajagopalan, Carnegie-Mellon University
Professor P. J. Ramadge, Princeton University
Professor N. Raman, University of Michigan
Dr. Donald Rosenfield, Arthur D. Little, Inc.
Professor R. Roundy, Cornell University
Professor J. G. Shanthikumar, University of California, Berkeley
Professor G. Shirley, University of California, Los Angeles
Dr. V. Singhal, General Motors Research Labs
Professor K. E. Stecke, University of Michigan
Dr. R. Steinberg, AT&T Bell Laboratories
Professor R. E. Steuer, University of Georgia
Professor G. Tagaras, University of Pennsylvania
Professor C. Tang, University of California, Los Angeles
Professor L. J. Thomas, Cornell University
Professor G. L. Thompson, Carnegie-Mellon University
Professor D. Tirupati, University of Texas at Austin
Dr. N. Udomkesmalee, General Motors Research Labs
Professor G. Van Ryzin, Massachusetts Institute of Technology
Professor A. F. Vaz, University of Toronto
Dr. W. Whitt, AT&T Bell Laboratories
Professor C. A. Yano, University of Michigan
Professor D. D. Yao, Harvard University
Professor P. H. Zipkin, Columbia University

IN THIS ISSUE (*continued from page 175*)

Allocating Buffer Space at Service Stations

Many physical systems with dynamic flows and complex topologies that interconnect service stations are sensitive to the amount of limited waiting room between stations. This is particularly true for manufacturing systems where product throughout is dependent on the proper allocation of buffers between the machining service centers in the production line. Buffer allocation in these manufacturing systems is a difficult problem because of its stochastic nature, and it is difficult, perhaps even impossible, for certain complex manufacturing systems to even compose the objective function of the system in closed-form. In "Buffer Space Allocation in Automated Assembly Lines," J. MacGregor Smith and Sophia Daskalaki present an analytical modeling approach for determining the optimal buffer allocation in automated assembly lines. This method effectively and efficiently approximates the optimal integer buffer allocation solution for series, merge and splitting assembly line topologies. The design methodology is a clever coupling of a traditional nonlinear programming search routine with an analytical approximation technique for computing throughputs and the number of products within the line.

A Fast Algorithm for Solving Some Special Manufacturing Problems

Most realistic manufacturing problems are fairly large and complex, which makes them virtually impossible to solve optimally in a reasonable amount of computer time. For this reason, it is rather common to consider heuristic approaches that decompose the original problem into subproblems. The efficiency of these approaches depends on the speed of solving the subproblems optimally. In "A Max-Min Allocation Problem: Its Solutions and Applications," Christopher Tang examines a special class of manufacturing subproblems that can be formulated as a max-min allocation problem. He develops an efficient (polynomial) algorithm for its solution by exploring the special structure of the problem.