

## Accepted Manuscript

Solving the patient appointment scheduling problem in outpatient chemotherapy clinics using clustering and mathematical programming

M. Heshmat, K. Nakata, A. Eltawil

PII: S0360-8352(18)30356-5  
DOI: <https://doi.org/10.1016/j.cie.2018.07.033>  
Reference: CAIE 5333

To appear in: *Computers & Industrial Engineering*

Received Date: 3 November 2017  
Accepted Date: 23 July 2018

Please cite this article as: Heshmat, M., Nakata, K., Eltawil, A., Solving the patient appointment scheduling problem in outpatient chemotherapy clinics using clustering and mathematical programming, *Computers & Industrial Engineering* (2018), doi: <https://doi.org/10.1016/j.cie.2018.07.033>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



**Solving the patient appointment scheduling problem in  
outpatient chemotherapy clinics using clustering and  
mathematical programming**

M. Heshmat<sup>\*a</sup>, K. Nakata<sup>b</sup> and A. Eltawil<sup>c</sup>

<sup>a</sup>Department of Mechanical Engineering, Assiut University, Assiut, Egypt

<sup>b</sup>Department of Industrial Engineering and Management, Tokyo Institute of  
Technology, Japan

<sup>c</sup>Department of Industrial Engineering and Systems Management,  
Egypt-Japan University of Science and Technology, Alexandria, Egypt

\*Corresponding Author: Mahmoud Heshmat, PhD.

Assistant Professor, Department of Mechanical Engineering, Assiut University, Assiut, Egypt

Postal Code 71515, Assiut, Egypt

E-mail: [mheshmat@aun.edu.eg](mailto:mheshmat@aun.edu.eg)

Tel: 002-01000363698

Fax: 002-088-2080553

Download English Version:

<https://daneshyari.com/en/article/7540698>

Download Persian Version:

<https://daneshyari.com/article/7540698>

[Daneshyari.com](https://daneshyari.com)