



AIN SHAMS ENGINEERING JOURNAL

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AUTHOR INFORMATION PACK

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DESCRIPTION

Ain Shams Engineering Journal is an international journal devoted to publication of peer reviewed original high-quality research papers and review papers in both traditional topics and those of emerging science and technology. Areas of both theoretical and fundamental interest as well as those concerning industrial applications, emerging instrumental techniques and those which have some practical application to an aspect of human endeavor, such as the preservation of the environment, health, waste disposal are welcome. The overall focus is on original and rigorous scientific research results which have generic significance.

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[1] J. Miltenburg, Level schedules for mixed-model assembly lines in just-in-time production systems, *Management Science* 35 (2) (1989) 192–207.

[2] R. Tavakkoli-Moghaddam, A.R. Rahimi-Vahed, Multi-criteria sequencing problem for a mixed-model assembly line in a JIT production system, *Applied Mathematics and Computation* 181 (2) (2006) 1471–1481.

Reference to a conference paper:

[3] M. Pilegaard Hansen, Tabu search in multiobjective optimization: MOTS, in: *Proceedings of the 13th International Conference on Multiple Criteria Decision Making (MCDM_97)*, Cape Town, South Africa, January 1997.

[4] J. Horn, N. Nafpliotis, D.E. Goldberg, A niched Pareto genetic algorithm for multi-objective optimization, in: *Proc. of First IEEE-ICEC Conference, 1994*, pp. 82–87.

[5] S. Guha, J. Yang, A. Banerjee, T. Glatfelter, Amorphous silicon alloy solar cells for space application, *2nd World Conference & Exhibition on PV Solar Energy Conversion 6–10 July, Vienna, Austria, 1998*, pp. 3609–3612.

Reference to Websites:

[6] Clerc M. Discrete particle swarm optimization for traveling salesman problem. http://clerc.maurice.free.fr/ps/_.

[7] G. Le Tay, Eta Opt, Fraunhofer Institute for Solar Energy Systems ISE. [/http://www.ise.fraunhofer.de/areas-of-business-and-market-areas/alternative-photovoltaic-technologies/III#V-solar-cells-and-epitaxy/publications-and-downloads](http://www.ise.fraunhofer.de/areas-of-business-and-market-areas/alternative-photovoltaic-technologies/III#V-solar-cells-and-epitaxy/publications-and-downloads), 2001.

Reference to a book:

[8] A. Charnes, W.W. Cooper, *Management Models and Industrial Applications of Linear Programming*, John Wiley and Sons, New York, 1961.

[9] A. Luque, A. Marti, Theoretical Limits of Photovoltaic Conversion, in: A. Luque, S. Hegedus (Eds.), *Handbook of Photovoltaic Science and Engineering*, Wiley, Chichester, England, 2003, pp. 113–152.

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