

CURRICULUM VITAE

Mikio Kubo

February 2009

Date of birth: 4 March 1963

Place of birth: Saitama, Japan

Nationality: Japanese

Marital status: married (2 children)

Private address:

Midorigaoka 1-13-5
Yachiyo-city
Chiba-ken
Japan 276-0049

1 Employment history:

Present position: professor (2008)

Tokyo University of Marine Science and Technology 2-1-6 Etsujima Kohto-ku, Tokyo Japan
135-8533

Previous positions:

- Associate professor (Tokyo University of Marine Science and Technology, Tokyo, Japan) 2003-2007
- Associate professor (Tokyo University of Mercantile Marine, Tokyo, Japan) 1995-2003
- Lecturer (Tokyo University of Mercantile Marine, Tokyo, Japan) 1993-1994
- Research assistant (Waseda University, Tokyo, Japan) 1990-1993

2 Academic degrees

1993, "Dr. of Engineering", Waseda University, Tokyo

3 Career Related Activities

- Member of the research spread committee of Operations Research Society of Japan (1990-1994).
- Member of the rationalization of distribution system in housing industry (1993-1995).
- Lecturer of Saitama University, Saitama, Japan (1994-1995).
- Lecturer of Tokyo Institute of Technology (1995-1996).
- Lecturer of Waseda University (2005).

4 Professional Memberships

- Operations Research Society of Japan (Fellow)
- Mathematical Programming Society
- The Japan Society for Industrial and Applied Mathematics
- Institute for Operations Research and the Management Sciences
- Scheduling Society of Japan (Vice President)

5 Award

- SSOR Presentation Award (2007)
- Popularization Prize, Operations Research Society of Japan (2003)
- Ohkawa Prize (Probabilistic Network Design Problem) appeared in Bulletin of the Center for Informatics, Waseda University, Vol. 16, pp. 44-55 (1994)

6 Patents

- 2005 September: Patent number 3722763 Algorithm for determining slab weight with JFE steel
- 2007 Fast shortest path preprocessing and query method (with Y. Miyamoto and T. Uno)

7 Scientific Publications

7.1 Books

Selected references from more than 25 published books (in Japanese):

[KP09] Kubo, Mikio and J.P. Pedroso. *Metaheuristics: a Programming Guide*, 2009. Asakura Publishing, 2009.

[Kub07a] Kubo, Mikio. *Applied Mathematics of Logistics*, 2007. Asakura Publishing, 2007.

[Kub07b] Kubo, Mikio. *Supply Chain Management Handbook*, 2007. Asakura Publishing, 2007.

[KKA02] Kubo, Mikio, Matui K. and Tamura A. *Handbook of Combinatorial Optimization*, 2002. Asakura Publishing, 2002.

[Kub01] Kubo, Mikio. *Logistics Engineering*, 2001. Asakura Publishing, 2001.

[Kub00] Kubo, Mikio. *Algorithms for Combinatorial Optimization*, 2000. Kyoritsu Publishing, 2000.

7.2 Journal papers (selection)

Selected references from more than 80 published papers:

[KCK08] Katayama, N., M. Chen and M. Kubo. A capacity scaling heuristic for the multicommodity capacitated network design problem. *Journal of Computational and Applied Mathematics*, In Press, Corrected Proof: - , 2008.

[IIK+05] Ibaraki, T., S. Imahori, M. Kubo, T. Masuda, T. Uno and M. Yagiura. Effective Local Search Algorithms for Routing and Scheduling Problems with General Time-Window Constraints. *Transportation Science*, 39(2):206–232, 2005.

[PK05] Pedroso, João Pedro and Mikio Kubo. Hybrid Tabu Search for Lot Sizing Problems. *Hybrid Metaheuristics*, pages 66–77. 2005.

[MKI+03] Miyamoto, Y., M. Kubo, S. Itoh and K. Murakami. Algorithms for the Item Assortment Problem: an Application to Vending Machine Products. *Japan Journal of Industrial and Applied Mathematics*, 20(1):87–100, 2003.

[KF98] Kubo, M. and K. Fujisawa. The Life Span Method – A New Variant of Local search. *Japan J. of Industrial and Applied Mathematics*, 15(3):363–395, 1998.

[KK90] Kubo, M. and H. Kasugai. Heuristic Algorithms for the Dial-A-Ride Problem. *Journal of Operations Research Society of Japan*, 33(4):354–365, 1990.

8 Seminars

8.1 Seminars and conference presentations

More than 120 presentations; please check

<http://www.logopt.com/mikiokubo/mybib.html>{<http://www.logopt.com/mikiokubo/mybib.html>

for a list.