

Table of Contents

Part 1: Introduction

Container terminals and terminal operations <i>Kim, K. H., Günther H.-O.</i>	3
--	---

Part 2: Container terminals

Simulation of a multiterminal system for container handling <i>Ottjes, J. A., Veeke, H. P. M., Duinkerken, M. B., Rijsenbrij, J. C., Lodewijks, G.</i>	15
--	----

Comparing transportation systems for inter-terminal transport at the Maasvlakte container terminals <i>Duinkerken, M. B., Dekker, R., Kurstjens, S. T. G. L., Ottjes, J. A., Dellaert, N. P.</i>	37
--	----

Berth management in container terminal: The template design problem <i>Moorthy, R., Teo, C.-P.</i>	63
--	----

Mathematical modelling of container transfers and storage locations at seaport terminals <i>Kozan, E., Preston, P.</i>	87
--	----

An optimization model for storage yard management in transshipment hubs <i>Lee, L. H., Chew, E. P., Tan, K. C., Han, Y.</i>	107
---	-----

Advanced methods for container stacking <i>Dekker, R., Voogd, P., van Asperen, E.</i>	131
---	-----

Strategies for dispatching AGVs at automated seaport container terminals <i>Grunow, M., Günther, H.-O., Lehmann, M.</i>	155
Dispatching vehicles in a mega container terminal <i>Bish, E. K., Chen, F. Y., Leong, Y. T., Nelson, B. L., Ng, J. W. C., Simchi-Levi, D.</i>	179
Inventory-based dispatching of automated guided vehicles on container terminals <i>Briskorn, D., Drexel, A., Hartmann, S.</i>	195
Deadlock handling for real-time control of AGVs at automated container terminals <i>Lehmann, M., Grunow, M., Günther, H.-O.</i>	215
Deadlock prevention for automated guided vehicles in automated container terminals <i>Kim, K. H., Jeon, S. M., Ryu, K. R.</i>	243
 Part 3: Cargo systems	
The allocation of storage space for transshipment in vehicle distribution <i>Mattfeld, D. C., Orth, H.</i>	267
The workload balancing problem at air cargo terminals <i>Huang, H. C., Lee, C., Xu, Z.</i>	291
Simultaneous fleet assignment and cargo routing using benders decomposition <i>Li, D., Huang, H.-C., Morton, A. D., Chew, E.-P.</i>	315
O&D revenue management in cargo airlines— a mathematical programming approach <i>Bartodziej, P., Derigs, U., Zils, M.</i>	333
A heuristic to solve a sea cargo revenue management problem <i>Lee, L. H., Chew, E. P., Sim, M. S.</i>	351
Collaborating freight forwarding enterprises: Request allocation and profit sharing <i>Krajewska, M. A., Kopfer, H.</i>	365