

PUBLICATIONS

Here are the papers written as part of the research undertaken for this thesis:

1. Rekiek B. and Delchambre A., 'Application de l'approche 'Equal Piles' a l'équilibrage des lignes d'assemblage', Submitted to MOSIM'01, Troyes, France, 2001.
2. Rekiek B. and Delchambre A., 'Hybrid assembly line design', Accepted for publication in the Proceedings of ISATP'2001, Fukuoka, Japan, 2001.
3. Rekiek B., De Lit P. and Delchambre A., 'Evolutionary approach to design assembly lines', Submitted to "Global Optimization - Selected Case Studies" edited volume.
4. Rekiek B., De Lit P., Pellichero F., L'Eglise T., Fouda P., Falkenauer E. and Delchambre A. 'A multiple objective grouping genetic algorithm for assembly lines design', Accepted for publication in the Special issue of the Journal of Intelligent Manufacturing.
5. Rekiek B., De Lit P. and Delchambre A., 'Designing mixed-model assembly lines', IEEE Transactions on Robotics and Automation, 16(3), pp. 268-280, 2000.
6. Rekiek B., De Lit P., Pellichero F., L'Eglise T., Fouda P., Falkenauer E. and Delchambre A., 'Evolving to integrate logical and physical layout of assembly lines', Proceeding of EDA'2000, Orlando, USA, 2000.
7. Rekiek B., De Lit P., Pellichero F., L'Eglise T., Falkenauer E. and Delchambre A., 'Concurrent engineering approach to design of assembly lines', Proceedings of CARS & FOF'2000, Port of Spain Trinidad W.I., Vol. 1, pp. 333-340, 2000.
8. Rekiek B., De Lit P., Pellichero F., L'Eglise T., Falkenauer F. and Delchambre A., 'Dealing with user's preferences in hybrid assembly lines design', To be published in Proceedings of MCPL'2000, Grenoble France, 2000.
9. Rekiek B., Pellichero F., De Lit P., L'Eglise T., Falkenauer E. and Delchambre A., 'Balancing and resource planning for assembly lines: the gap between theory and practice', Proceedings of CPI'99, Tangier Morocco, pp. 239-248, 1999.
10. Rekiek B., 'Multiple objectives genetic algorithm', Proceedings of GECCO'99 Workshops, Orlando USA, pp. 401, 1999.
11. Rekiek B., Pellichero F., De Lit P., Falkenauer E. and Delchambre A., 'Towards physical layout of assembly lines', Published as paper in the book entitled "Progress in Simulation, Modeling, Analysis and Synthesis of Modern Electrical and Electronic Devices and Systems", World Scientific Engineering Society, pp. 307-312, 1999.

-
12. Rekiek B., Pellichero F., De Lit P., Falkenauer E. and Delchambre A., 'A resource planner for hybrid assembly lines', Proceedings of CARS & FOF'99, Campinas Brazil, Vol. 1, pp. MW6:18-23, 1999.
 13. Rekiek B., De Lit P., Pellichero F., Falkenauer F. and Delchambre A., 'Applying the equal piles problem to balance assembly lines', Proceedings of ISATP'99, Porto Portugal, pp. 399-404, 1999.
 14. Rekiek B. and Delchambre A., 'Ordering variants and simulation in multi-product assembly lines', Proceedings of VR-Mech'98, Brussels, Belgium, pp. 49-54, 1998.
 15. Rekiek B. B., Falkenauer F. and Alain Delchambre, 'Two problems in design and operation of multi-product assembly lines: line balancing and ordering variants', Proceedings of CARS & FOF'98, Coimbatore India, pp. 234-250, 1998.
 16. Rekiek B., Falkenauer E. and Delchambre A., 'Multi-product resource planning', Proceedings of ISATP'97, Marina del Rey California USA, pp. 115-121, 1997.