

## Bibliografia

- [1] JONES, W. M. C.; PADDOCK, K. F.. **Transport by pipeline**. In: Hobson, G. D., editor, MODERN PETROLEUM TECHNOLOGY. Wiley, 1982.
- [2] PESSOA, A. A.. **Planning the transportation of multiple commodities in bidirectional pipeline networks**. In: Fleischer, R.; Trippen, G., editors, LECTURE NOTES IN COMPUTER SCIENCE, volumen 3341, p. 766. Springer-Verlag GmbH, Nov. 2004.
- [3] REJOWSKI, R.; PINTO, J. M.. **Scheduling of a multiproduct pipeline system**. Computers and Chemical Engineering, 27:1229–1246, 2003.
- [4] SASIKUMAR, M.; PRAKASH, P. R.; PATIL, S. M. ; S.RAMANI. **Pipes: A heuristic search model for pipeline schedule generation**. Knowledge-Based Systems, 10:169–175, 1997.
- [5] TECHO, R.; HOLBROOK, D. L.. **Computer scheduling the world's biggest product pipeline**. Pipeline Gas Journal, 4:27, 1974.
- [6] BROOKE, A.; KENDRICK, D. ; MEERAUS, A. A.. **GAMS, a user's guide**, 200.
- [7] LIFSCHITZ, V.. **On the semantics of STRIPS**. In: Georgeff, M. P.; Lansky, A. L., editors, REASONING ABOUT ACTIONS AND PLANS: PROCEEDINGS OF THE 1986 WORKSHOP, p. 1–9, Timberline, Oregon, June-July 1986. Morgan Kaufmann.
- [8] KORF, R. E.. **Real-time heuristic search**. Artificial Intelligence, 42:189–211, 1990.
- [9] HANE, C. A.. **Scheduling Multi-Product Flows in Pipelines**. PhD thesis, Georgia Institute of Technology, School of Industrial and Systems Engineering, September 1991.

- [10] HANE, C. A.; RATLIFF, H. D.. **Sequencing inputs to multi-commodity pipelines**. *Annals of Operations Research*, 57, 1995. *Mathematics of Industrial Systems I*.
- [11] GHALLAB, M.; HOWE, A.; KNOBLOCK, C.; MCDERMOTT, D.; RAM, A.; VELOSO, M.; WELD, D. ; WILKINS, D.. **Pddl—the planning domain definition language**, 1998.
- [12] CRANE, D. S.; WAINWRIGHT, R. L. ; SCHOENEFELD, D. A.. **Scheduling of multi-product fungible liquid pipelines using genetic algorithms**. In: *PROCEEDINGS OF THE 1999 ACM SYMPOSIUM ON APPLIED COMPUTING*, p. 280–285, San Antonio, Texas, United States, 1999.
- [13] MILIDIÚ, R. L.; PESSOA, A. A. ; LABER, E. S.. **Transporting petroleum products in pipelines (abstract)**. In: *ISMP 2000 – 17TH INTERNATIONAL SYMPOSIUM ON MATHEMATICAL PROGRAMMING*, p. 134–135, Atlanta, Georgia, USA, August 2000.
- [14] BONET, B.; GEFFNER, H.. **Hsp: Heuristic search planner**. *AI Magazine*, 21(2), 2000.
- [15] MILIDIÚ, R. L.; PESSOA, A. A.; LABER, E. S. ; RENTERIA, R.. **A solução de uma instância do problema de transporte na rede de claros do dtcs**. Technical report, PUC-Rio, January 2001. *FINEP/PUC: Sistema de Logística para Programação de Dutos - Sistemas TAPS, CTPetro*.
- [16] FOX, M.; LONG, D.. **PDDL 2.1: An extension to PDDL for expressing temporal planning domains**, 2001.
- [17] HOFFMANN, J.; NEBEL, B.. **The FF planning system: Fast plan generation through heuristic search**. *Journal of Artificial Intelligence Research*, 14:253–302, 2001.
- [18] BRACONI, V. M.. **Heurísticas multifluxo para roteamento de produtos em redes dutoviárias**. Master's thesis, Pontifícia Universidade Católica do Rio de Janeiro (PUC-Rio), Departamento de Informática, April 2002.
- [19] HOFFMANN, J.. **Local search topology in planning benchmarks: A theoretical analysis**. In: *PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE PLANNING AND SCHEDULING (AIPS-02)*, Toulouse, France, Apr. 2002. 379-387.

- [20] MILIDIÚ, R. L.; PESSOA, A. A. ; LABER, E. S.. **Pipeline transportation of petroleum products with no due dates**. In: PROCEEDINGS OF THE LATIN'2002, p. 248–262, Cancún, Mexico, April 2002.
- [21] MILIDIÚ, R. L.; DOS SANTOS LIPORACE, F. ; DE LUCENA, C. J. P.. **Pipesworld: Planning pipeline transportation of petroleum derivatives**. In: WORKSHOP ON THE COMPETITION, TRENTO, ITALY, June 2003.
- [22] RUSSEL; NORVIG. **Artificial Intelligence, A Modern Approach**. 2003.
- [23] LONG, D.; FOX, M.. **The 3rd international planning competition: Results and analysis**. Journal of Artificial Intelligence Research, 20:1–50, 2003.
- [24] EDELKAMP, S.; HOFFMANN, J.. **Quo vadis, IPC-4? — proposals for the classical part of the 4th international**. In: WORKSHOP ON THE COMPETITION, TRENTO, ITALY, June 2003.
- [25] EDELKAMP, S.. **Taming numbers and durations in the model checking integrated planning system**. Journal of Artificial Intelligence Research, 20:195–238, 2003.
- [26] HELMERT, M.. **Complexity results for standard benchmark domains in planning**. Artificial Intelligence, 143(2):219–262, 2003.
- [27] MILIDIÚ, R. L.; DOS SANTOS LIPORACE, F.. **Planning of pipeline oil transportation with interface restrictions is a difficult problem**. Technical Report 56, Departamento de Informática, PUC-RJ, Rio de Janeiro, Brasil, December 2003.
- [28] PESSOA, A. A.. **Dois problemas de otimização em grafos: Transporte em redes de dutos e Busca com custos de acesso**. PhD thesis, Pontifícia Universidade Católica do Rio de Janeiro, Departamento de Informática, May 2003.
- [29] GHALLAB, M.; NAU, D. ; TRAVERSO, P.. **Automated Planning: Theory and Practice**. 2004.
- [30] MILIDIÚ, R. L.; DOS SANTOS LIPORACE, F.. **Pipesworld: Applying planning systems to pipeline transportation**. In: PROCEEDINGS OF THE INTERNATIONAL PIPELINE CONFERENCE, IPC, p. 713–719, october 2004.

- [31] CHEN, Y. X.; HSU, C.-W. ; WAH, B. W.. **Sgplan: Subgoal partitioning and resolution in planning**. In: PROCEEDINGS FOURTH INTERNATIONAL PLANNING COMPETITION, INT'L CONF. ON AUTOMATED PLANNING AND SCHEDULING, Whistler, Canada, June 2004.
- [32] VIDAL, V.. **The yahsp planning system: Forward heuristic search with lookahead plan analysis**. In: PROCEEDINGS FOURTH INTERNATIONAL PLANNING COMPETITION, INT'L CONF. ON AUTOMATED PLANNING AND SCHEDULING, Whistler, Canada, June 2004.
- [33] BOTEVA, A.; ENZENBERGER, M.; MÜLLER, M. ; SCHAEFFER, J.. **Macro-ff**. In: PROCEEDINGS FOURTH INTERNATIONAL PLANNING COMPETITION, INT'L CONF. ON AUTOMATED PLANNING AND SCHEDULING, Whistler, Canada, June 2004.
- [34] CAMILLERI, G.; ZALAKET, J.. **Fap: Forward anticipating planner**. In: PROCEEDINGS FOURTH INTERNATIONAL PLANNING COMPETITION, INT'L CONF. ON AUTOMATED PLANNING AND SCHEDULING, Whistler, Canada, June 2004.
- [35] HELMERT, M.; RICHTER, S.. **Fast downward: Making use of causal dependencies in the problem representation**. In: PROCEEDINGS FOURTH INTERNATIONAL PLANNING COMPETITION, INT'L CONF. ON AUTOMATED PLANNING AND SCHEDULING, Whistler, Canada, June 2004.
- [36] MILIDIÚ, R. L.; DOS SANTOS LIPORACE, F.. **Plumber, a pipeline transportation planner**. In: PROCEEDINGS OF THE INTERNATIONAL WORKSHOP ON HARBOUR AND MARITIME SIMULATION, HMS, p. 99–106, Rio de Janeiro, Brazil, september 2004.
- [37] SRIVASTAVA, B.. **The need for software framework to apply planning techniques**. In: PROCEEDINGS WORKSHOP ON CONNECTING PLANNING THEORY WITH PRACTICE, ICAPS, Whistler, Canada, June 2004.
- [38] SRIVASTAVA, B.. **A software framework for applying planning techniques**. Technical report, IBM Research Division, Mar. 2004. Available at <http://domino.watson.ibm.com/library/CyberDig.nsf/Home>.
- [39] SRIVASTAVA, B.; BIGUS, J. P. ; SCHLOSNAGLE, D. A.. **Using able to bring planning to business applications**. In: PROCEEDINGS SYS-

TEMS DEMONSTRATIONS, INT'L CONF. ON AUTOMATED PLANNING AND SCHEDULING, Whistler, Canada, June 2004.

- [40] HOFFMANN, J.; EDELKAMP, S.; ENGLERT, R.; LIPORACE, F.; THIEBAUX, S. ; TRÜG, S.. **Towards realistic benchmarks for planning: The domains used in the classical part of ipc-4.** Invited submission under review, Journal of Artificial Intelligence Research, 2005.
- [41] MILIDIÚ, R. L.; DOS SANTOS LIPORACE, F.. **Plansim, a framework to build automated planners with simulators.** In: PROCEEDINGS OF THE INDUSTRIAL SIMULATION CONFERENCE, ISC, Berlin, Germany, June 2005.