

# Computational Logic: (Constraint) Logic Programming

*Theory, practice, and implementation*

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## Textbooks and References

*Department of Artificial Intelligence  
School of Computer Science  
Technical University of Madrid  
28660-Boadilla del Monte, Madrid, SPAIN*

**The following people have contributed to this course material:**

*Manuel Hermenegildo (editor), Francisco Bueno, Manuel Carro, Pedro López, and Daniel Cabeza, Technical University of Madrid, Spain; María José García de la Banda, Monash University, Australia; David H. D. Warren, University of Bristol, U.K.; Ulrich Neumerkel, Technical University of Vienna, Austria; Michael Codish, Ben Gurion University, Israel*

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- Basic references:

- ◇ “The Art of Prolog” (Second edition), Sterling & Shapiro, MIT Press, 1994.
- ◇ “Programming with Constraints: An Introduction”, Marriott & Stuckey, MIT Press, 1998.

- Other basic references:

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- ◇ “Prolog Programming for Artificial Intelligence”, I. Bratko, Addison–Wesley Ltd. 1990 (2nd edition); 2000 (3rd edition).
- ◇ “Programming in Prolog”, Clocksin & Mellish, 1981, Springer–Verlag.

## Textbooks and References - II

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- Background references:
  - ◇ “Logic for Computer Science: Foundations of Automatic Theorem Proving”, J.H. Gallier, 1987, John Wiley and Sons.
- More advanced references:
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  - ◇ “Warren’s Abstract Machine: A Tutorial Reconstruction,” H. Ait-Kaci, MIT Press, 1991.
  - ◇ “Constraint Satisfaction in L.P.”, P. Van Hentenryck, 1989, MIT Press.
- Other useful references:
  - ◇ “Essentials of Logic Programming”, C. Hogger, 1990, Clarendon Press, Oxford.
  - ◇ “Concurrent Prolog–Collected Papers,” E. Shapiro, MIT Press, 1987.