



Softcover reprint of the original 1st ed.  
1996, XVI, 272 p.

### Printed book

Softcover

89,99 € | £79.99 | \$109.99

<sup>[1]</sup>96,29 € (D) | 98,99 € (A) | CHF

106,50

### eBook

74,89 € | £63.99 | \$84.99

<sup>[2]</sup>74,89 € (D) | 74,89 € (A) | CHF

85,00

Available from your library or  
[springer.com/shop](http://springer.com/shop)

### MyCopy <sup>[3]</sup>

Printed eBook for just

€ | \$ 24.99

[springer.com/mycopy](http://springer.com/mycopy)

Pierre Deransart, AbdelAli Ed-Dbali, Laurent Cervoni

# Prolog: The Standard

## Reference Manual

From the viewpoint of an "industrial" this book is most welcome, as one of the most significant demonstrations of the maturity of Prolog. Logic programming is a fascinating area in computer science, which held for years - and still does - the promise of freeing ourselves from programming based on the "Von Neumann" machine. In addition computer programming has long been for solid theoretical foundations. While conventional engineering, dealing mainly with "analogical complexity", developed over some hundred years a complete body of mathematical tools, no such toolset was available for "digital complexity". The only mathematical discipline which deals with digital complexity is logic and Prolog is certainly the operational tool which comes closest to the logical programming ideal. So, why does Prolog, despite nearly twenty years of development, still appear to many today to be more of a research or academic tool, rather than an industrial programming language? A few reasons may explain this: First, I think Prolog suffers from having been largely assimilated into - and thus followed the fate of - Artificial Intelligence. Much hype in the late 1980 created overexpectations and failed to deliver, and the counterreaction threw both AI and Prolog into relative obscurity. In a way, maybe this is a new chance for the Prolog community: the ability to carry out real work and progress without the disturbance of limelights and the unrealistic claims of various gurus. Second, programming in Prolog is a new experience for computer professionals.

Order online at [springer.com](http://springer.com) / or for the Americas call (toll free) 1-800-SPRINGER / or email us at: [customerservice@springernature.com](mailto:customerservice@springernature.com). / For outside the Americas call +49 (0) 6221-345-4301 / or email us at: [customerservice@springernature.com](mailto:customerservice@springernature.com).

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with [1] include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with [2] include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. [3] No discount for MyCopy.

