

B I B L I O T E C A

Libros ingresados en la Biblioteca del Centro de cálculo durante los meses de Junio-Diciembre de 1981:

- 1 ACM SIGPLAN HISTORY OF PROGRAMMING LANGUAGES CONFERENCE. 1978. Los Angeles

History of programming languages /Proceedings of the ACM SIGPLAN History of Programming Languages Conference, Los Angeles, California, June 1-3, 1978/ Edited by Richard L. Wexelblat. - New York, etc., Academic Press, 1981. - XXIII, 758 p.

sign. top.: 800.92 ACM

- 2 ADVANCED COURSE ON COMPUTER AIDED DESIGN. 1980. Darmstadt

Computer aided design: modelling, systems engineering, CAD Systems. CREST Advanced Course, Darmstadt, 8-19, September 1980. Edited by J. Encarnacao. - Berlin, etc., Springer-Verlag, 1980.- XIV, 459 p.

sign. top.: 681.32 ADV

- 3 ALIQUÉ LOPEZ, José Ramón

Control numérico. - Barcelona, etc., Marcombo, 1981. - XII, 329 p.

sign. top.: 621-5 ALI

- 4 ARTE

Arte e informática. - Madrid, Centro de la Informática, Técnica y Material Administrativo, 1980. - 94 p.

sign. top.: 7 ART

- 5 ARTWICK, Bruce A.

Microcomputer interfacing. - Englewood Cliffs (New Jersey) Prentice-Hall (s.a.: 1980). - X, 341 p.

sign. top.: 681.32-18 ART

- 6 BARON, Robert J.

Data structures and their implementation. Robert J. Baron, Linda G. Shapiro.- New York, etc., Van Nostrand Reinhold (s.a.: 1980). - X, 469 p.

sign. top.: 681.32.06 BAR



## 7 BERSOFF, Edward H.

Software configuration management. An investment in product integrity. Edward H. Bersoff, Vilas D. Henderson, Stanley G. Siegel. - Englewood Cliffs (New Jersey) Prentice-Hall (s.a.: 1980). - XIV, 385 p.

sign. top.: 681.3.06 BER

## 8 BURNS, Alan

The microchip. Appropriate or inappropriate technology?. - Chichester, Ellis Horwood, etc. (s.a.: 1981). - 180 p.

sign. top.: 681.31 BUR

## 9 BYTE

The Byte Book of Pascal. Edited by Blaise W. Liffick. - 2nd. ed. - Peterborough (New Hampshire) Byte/McGraw-Hill, 1979. - VI, 333 p.

sign. top.: 800.92 BYT

## 10 CLOCKSIN, William F.

Programming in Prolog. W. F. Clocksin, C. S. Mellish .- Berlin, etc., Springer-Verlag, 1981. - XII, 279 p.

sign. top.: 800.92 CLO

## 11 CLU

CLU: reference manual. Barbara Liskov /y otros/. - Berlin, etc., Springer-Verlag, 1981. - VIII, 190 p.

sign. top.: 800.92 CLU

## 12 COMPUTER

Computer structures: principles and examples. Daniel P. Siewiorek /y otros/. - New York, etc., McGraw Hill (s.a.: 1982). - XVI, 926 p.

sign. top.: 681.31.02 COM

## 13 COPE, Tonia

Computing using BASIC: an interactive approach. - Chichester, etc., Ellis Horwood, etc. (s.a.: 1981). - 351 p.

sign. top.: 800. 92. COP

## 14 DATA

Data base techniques for pictorial applications, Florence, June 20-22, 1979 /Proceedings of a conference sponsored by IBM Europe and IBM Italy/ Edited by A. Blaser. - Berlin, etc., Springer-Verlag, 1980.- XI, 599 p.

sign. top.: 77 DAT

## 15 DATE, C. J.

An introduction to database systems. - 3rd. ed. - Reading (Massachusetts) etc., Addison - Wesley (s.a.: 1981). - XXVIII, 574 p.

sign. top.: 681.32 DAT

## 16 DAVIS, Randall

Knowledge-based systems in artificial intelligence. Randall Davis, Douglas B. Lenat. - New York, etc., McGraw-Hill (s.a.: 1982). - XXI, 490 p.

sign. top.: 162 DAV

## 17 DEEN, S.M.

Fundamentals of data base systems, - reprint. - (s.l.) Macmillan, 1981. - XI, 224 p.

sign. top.: 681.32 DEE

## 18 ESTADOS UNIDOS. Department of Defense

The programming language ADA reference manual. Proposed standard document. - Berlin, etc., Springer-Verlag, 1981. - X, 243 p.

sign. top.: 800.92 EST

## 19 EVERITT, B. S.

Finite mixture distributions. B. S. Everitt and D. J. Hand. - London, etc., Chapman and Hall, 1981. - IX, 143 p.

sign. top.: 519.22 EVE

## 20 EXPERT

Expert systems in the micro-electronic age / "... papers of 1979 AISB Summer School on Expert Systems ...". - Edinburgh, Edinburgh University Press (s.a.: 1979). - VI, 287 p.

sign. top.: 162 EXP

## 21 GARCIA SANZ, Jorge

JEUEMO: Definición sintáctica y semántica. - (s.l., s.l.) 1981. - 158 f

Sign. top.: 691.3.06 GAR

## 22 GINZBURG, Abraham

Algebraic theory of automata. - New York, etc., Academic Press, 1968. - IX, 165 p.

sign. top.: 519.71 GIN

## 23 GLASS, Robert L.

Software reliability guidebook. - Englewood Cliffs (New Jersey) Prentice-Hall (s.a.: 1979). - X, 242 p.  
sign. top.: 681.3.06 GLA

## 24 GRAUER, Robert T.

Structured COBOL: a pragmatic approach. Robert T. Grauer, Marshal A. Crawford. - Englewood Cliffs (New Jersey) Prentice-Hall (s.a.: 1981). - XI, 387 p.  
sign. top.: 800.92 GRA

## 25 GUESSARIAN, Irene

Algebraic semantics. - Berlin, Springer-Verlag, 1981. - VIII, 158 p.  
sign. top.: 519.76 GUE

## 26 GUIA

Guía de bibliotecas españolas (Edición provisional). - Madrid, Ministerio de Cultura. Dirección General del Libro y Bibliotecas. Subdirección General de Bibliotecas, 1977. - 306 p.  
sign. top.: C 027 GUI

## 27 HANSEN, Per Brinch

The architecture of cocurrent programs. - Englewood Cliffs (New Jersey) etc., Prentice-Hall (s.a.: 1977). - XVII, 317 p.  
sign. top.: 800.92 HAN

## 28 HEALEY, Martin

The minicomputer in on-line systems. Small computers in terminal-based systems and distributed processing networks. Martin Healey, David Hedbicht. - Cambridge (Massachusetts) Winthrop (s.a.: 1981). - XVIII, 334 p.  
sign. top.: 681.32-18 HEA

## 29 HIGGINS, David A.

Program design and construction. - Englewood Cliffs (New Jersey) Prentice-Hall (s.a.: 1979). - XVI, 189 p.  
sign. top.: 681.3.06 HIG

## 30 HOCNEY, Roger W.

Computer simulation using particles. Roger W. Hockney and James W. Eastwood. - New York, etc., McGraw-Hill (s.a.: 1981). - XIX, 540 p.  
sign. top.: 681.32 HOC

## 31 HOPCROFT, John E.

Introduction to automata theory, languages and computation. John E. Hopcroft, Jeffrey D. Ullman. - Reading (Massachusetts), etc., Addison-Wesley (s.a.: 1979). - X, 418 p.  
sign. top.: 519.71 HOP

## 32 HUBBARD, George U.

Computer-assisted data base design. - New York, etc., Van Nostrand Reinhold (s.a.: 1981). - XXV, 285 p.  
sign. top.: 681.32 HUB

## 33 IFIP. Technical Committee 3. Working Conference on Computer Assisted Learning-Scope, Progress and Limits. 1979. Rohehampton (England)

Computer assisted learning: Scope, progress and limites. Proceedings of the IFIP TC-3 Working Conference on Computer Assisted Learning Scope, Progress and Limits, Rohehampton, England, 3-7 September 1979. Edited by R. Lewis, E. D. Taggb .- Amsterdam, etc., North-Holland, 1980. - 223 p.  
sign. top.: 371.39 IFI

## 34 IFIP. Working Conference on Principles of Computer-Aided Design. 1972. Eindhoven

Computer-Aided Design. Proceedings of the IFIP Working Conference on Principles of Computer-Aided Design. Edited by J. Vlietstra and R. F. Wielinga. - Amsterdam, etc., North-Holland, 1973. - VIII, 462 p.  
sign. top.: 681.32 IFI

## 35 INTERNATIONAL COLLOQUIUM ON THE FORMALIZATION OF PROGRAMMING CONCEPTS. 1981. Peñíscola

Formalization of programming concepts. International Colloquium Peñíscola, Spain, April 19-25, 1981. Proceedings. Edited by J. Díaz and I. Ramos. - Berlin, etc., Springer-Verlag, 1981. - VII, 478 p.  
sign. top.: 681.3.06 INT

## 36 INTERNATIONAL FEDERATION FOR INFORMATION PROCESSING. Congress. 1980. Tokyo

Information processing 80: Proceedings of IFIP Congress 80, Tokyo, Japan, October 6-9, 1980, Melbourne, Australia, October 14-17, 1980. Edited by Simon Lavington. - Amsterdam, etc., North-Holland, 1980.- XIII, 1070 p.  
sign. top.: 061.3 INT

37 INTERNATIONAL FEDERATION OF LIBRARY ASSOCIATIONS AND INSTITUTIONS. Working Group on Content Designators

UNIMARC. Universal MARC format. - 2nd ed. rev. - London, IFLA International Office for UBC, 1980. - XII, 131 p.  
sign. top.: 025.3 INT

38 INTERNATIONAL TIME SERIES ANALYSIS MEETING. III. 1980. Houston

Time series analysis. Proceedings of the International Conference held at Houston, Texas, August 1980. Edited by O. D. Anderson and M. Ray Perryman. - Amsterdam, etc., North-Holland (s.a.: 1981). - IX, 661 p.  
sign. top.: 519.24 INT

39 JACOBY, Samuel L.S.

Mathematical modeling with computers. Samuel L. S. Jacoby, Janusz S. Kowalik. Chapter 3 by H. Blair Burner. - Englewood Cliffs (New Jersey) Prentice-Hall (s.a.: 1980). - XI, 292 p.  
sign. top.: 681.32 JAC

40 JONES, Clifford B.

Software development: a rigorous approach. - Englewood Cliffs (New Jersey) Prentice-Hall (s.a.: 1980). - XV, 382 p.  
sign. top.: 681.3.06 JON

41 MACHINE-INDEPENDENT

Machine-independent organic software tools (MINT). M. D. Godfrey /y otros/. - London, etc., Academic Press, 1980. - XII, 339 p.  
sign. top.: 681.3.06 MACH

42 MADNICK, Stuart E.

Sistemas operativos. Stuart E. Madnick y John J. Donovan. - México, Diana, 1981. - 712 p.  
sign. top.: 681.326 MAD

43 MARDIA, Kantilal Variachand

Multivariate analysis. K. V. Mardia, J. T. Kent, J. M. Bibby. - 2nd. print. - London, etc., Academic Press /1980/. - XV, 521 p.  
sign. top.: 519.23 MAR

## 44 MARTINEZ ABAD, Carolina

Una especificación de una red semántica como un tipo abstracto de datos. - (s.l., s.i.) 1981. - 5 h., 135 f., 11 h.  
sign. top.: 681.32.06 MAR

## 45 MILNER, Robin

A calculus of communicating systems. - Berlin, etc., Springer-Verlag, 1980. - VI, 171 p.  
sign. top.: 519.76 MIL

## 46 NEVISON, John M.

Executive computing. How to get it done on your own.- Reading (Massachusetts) Addison Wesley (s.a.: 1981).- XVI, 324 p.  
sign. top.: 681.3.06 NEW

## 47 ON

On the construction of programs. Edited by R. M. McKeag and A. M. Macnaghten. - Cambridge, etc., University Press /1980/. - 422 p.  
sign. top.: 681.3.06 ON

## 48 OPEN UNIVERSITY. Mathematics Foundation Course Team

Computacion.- México, McGraw-Hill Latioamericana, 1974.- 2 v.  
sign. top.: F 519.6 OPE

## 49 ORGANIZACION DEL TRATADO DEL ATLANTICO NORTE. Advanced Study Institute. 1979. Maratea (Italia)

Map data processing. Proceedings of a NATO Advanced Study Institute on Map Data Processing held in Maratea, Italy, June 18-29, 1979. Edited by Herbert Freeman, Goffredo G. Pieroni. - New York, etc., Academic Press, 1980. - IX, 374 p.  
sign. top.: 528.9 ORG

## 50 PETERSON, James Lyle

Petri net theory and the modeling of systems. - Englewood Cliffs (New Jersey) Prentice-Hall (s.a.: 1981). - X, 290 p.  
sign. top.: 681.3.02 PET

## 51 PHILLIPS V., Jorge

LISP y su semántica. - México, Instituto de Investigaciones en Matemáticas Aplicadas y en Sistemas. Universidad Nacional Autónoma de México, 1978.- 3 h., 24 f.  
sign. top.: 800.92 PHI

## 52 RADHAKRISHNAN, T.

On some impacts of the microcomputers on the society. - México, Instituto de Investigaciones en Matemáticas Aplicadas y en Sistemas. Universidad Nacional Autónoma de México, 1978. - II, 17 f.

sign. top.: F 681.32-18 RAD

## 53 ROZENBERG, Grzegorz

The mathematical theory of L systems. Grzegorz Rozenberg, Arto Salomaa. - New York, etc., Academic Press, 1980. - XVI, 352 p.

sign. top.: 519.76 ROZ

## 54 RUDCKDESCHEL. F. R.

Basic scientific subroutines. - Peterborough (New Hampshire) Byte/McGraw-Hill (s.a.: 1981). - 2 v.

sign. top.: 800.92 RUC

## 55 SAGER, Naomi

Natural language information processing: a computer grammar of english and its applications. - Reading (Massachusetts) Addison-Wesley, 1981. - XV, 399 p.

sign. top.: 802.0 SAG

## 56 SINGLETARY, W. E.

COBOL ANS: un enfoque pragmático. W. E. Singletary, Ross A. Overbeck. - México, Diana, 1980. - 278 p.

sign. top.: 800.92 SIN

## 57 SKIER, Ken

Beyond games: systems software for your 6502 personal computer. - Peterborough (New Hampshire) Byte Publications (s.a.: 1981). - IV, 433 p.

sign. top.: 681.32-18 SKI

## 58 SOFTWARE

Software engineering: an advanced course. F. L. Bauer /y otros/. - New York, etc., Springer-Verlag, 1977. - XII, 545 p.

sign. top.: 681.3.06 SOF

## 59 STRAUSS, Melvin J.

Computer capacity. A production control approach. - New York, etc., Van Nostrand Reinhold (s.a.: 1981). - XII, 265 p.

sign. top.: 681.3.00 STR



## 60 STUDIES

Studies in ADA Style. Peter Hibbard /y otros/. - New York, etc., Springer-Verlag, 1981. - II, 104 p.

sign. top.: 800.92 STU

## 61 TENENBAUM, Aaron M.

Data structures using PASCAL. Aaron M. Tenenbaum, Moshe J. Augenstein. - Englewood Cliffs (New Jersey) etc., Prentice-Hall (s.a.: 1981). - XIV, 545 p.

sign. top.: 681.32.06 TEN

## 62 TENNANT, Harry

Natural language processing: an introduction to an emerging technology. - New York, etc., Petrocelli Book (s.a.: 1981). - VIII, 275 p.

sign. top.: 801 TEN

## 63 TOWARDS

Towards a formal description of Ada / Edited by D. Bjorner and O. N. Oest. - Berlin (etc.) Springer-Verlag, 1980. - XII p., 630 p.

sign. top.: 800.92 TOW

## 64 WEISSMAN, Clark

LISP 1.5 primer. - Belmont (California) Dickenson (s.a.: 1968). - XIII, 226 p.

sign. top.: 800.92 WEI

## 65 WIRTH, Niklaus

Systematic programming: an introduction. - Englewood Cliffs (New Jersey) Prentice-Hall (s.a.: 1973). - XIV, 169 p.

sign. top.: 681.32.06 WIR

## 66 ZIMMERMANN, U.

Linear and combinatorial optimization in ordered algebraic structures. - Amsterdam, etc., North-Holland, 1981. - IX, 380 p.

sign. top.: 519.85 ZIM

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