

An Indexed Bibliography of Genetic Algorithm Journal Articles

compiled by

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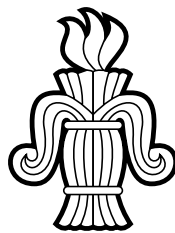
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Warning

While this bibliography has been compiled with the utmost care, the editor takes no responsibility for any errors, missing information, the contents or quality of the references, nor for the usefulness and/or the consequences of their application. The fact that a reference is included in this publication does not imply a recommendation. The use of any of the methods in the references is entirely at the user's own responsibility. Especially the above warning applies to those references that are marked by trailing †(or *), which are the ones that the editor has unfortunately not had the opportunity to read. An abstract was available of the references marked with *.

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Chapter 1

Preface

“Living organism are consummate problem solvers.
They exhibit a versatility that puts the best computer
programs to shame.”

John H. Holland [1]

The material of this bibliography has been extracted from the genetic algorithm bibliography [2], which when this report was compiled contained 9108 items and which has been collected from several sources of genetic algorithm literature including Usenet newsgroup `comp.ai.genetic` and the bibliographies [3, 4, 5, 6]. The following index periodicals have been used systematically

- ACM: *ACM Guide to Computing Literature*: 1979 – 1993/4
- BA: *Biological Abstracts*: July 1996 - Dec. 1996
- CA: *Computer Abstracts*: Jan. 1993 – Feb. 1995
- CCA: *Computer & Control Abstracts*: Jan. 1992 – Feb. 1997 (except May -95)
- CTI: *Current Technology Index* Jan./Feb. 1993 – Jan./Feb. 1994
- DAI: *Dissertation Abstracts International*: Vol. 53 No. 1 – Vol. 56 No. 10 (Apr. 1996)
- EEA: *Electrical & Electronics Abstracts*: Jan. 1991 – Feb. 1997
- P: *Index to Scientific & Technical Proceedings*: Jan. 1986 – Feb. 1997 (except Nov. 1994)
- A: *International Aerospace Abstracts*: Jan. 1995 – Dec 1996
- N: *Scientific and Technical Aerospace Reports*: Jan. 1993 - Dec. 1995 (except Oct. 1995)
- EI A: *The Engineering Index Annual*: 1987 – 1992
- EI M: *The Engineering Index Monthly*: Jan. 1993 – Mar. 1997

1.1 Your contributions erroneous or missing?

This bibliography is updated on a regular basis and certainly contains many errors and inconsistencies. The editor would be glad to hear from any reader who notices any errors, missing information, articles etc. In the future a more complete version of this bibliography will be prepared for the genetic algorithms in journals research community and others who are interested in this rapidly growing area of genetic algorithms.

When submitting updates to the database, paper copies of already published contributions are preferred. Paper copies (or `ftp` ones) are needed mainly for indexing. We are also doing reviews of different aspects and applications of GAs where we need as complete as possible collection of GA papers. Please, do not forget to include complete bibliographical information: copy also proceedings volume title pages,

journal table of contents pages, etc. Observe that there exists several versions of each subbibliography, therefore **the reference numbers are not unique and should not be used alone in communication**, use the **key** appearing as the last item of the reference entry instead.

Complete bibliographical information is really helpful for those who want to find your contribution in their libraries. If your paper was worth writing and publishing it is certainly worth to be referenced right in a bibliographical database read daily by GA researchers, both newcomers and established ones.

For further instructions and information see <ftp.uwasa.fi/cs/GAbib/README>.

1.1.1 How to cite this report?

The complete BiBTeX record for this report is shown below:

You can also use the BiBTeX file **GASUB.bib**, which is available in our ftp site **ftp.uwasa.fi** in directory **cs/report94-1** and contains records for all GA subbibliographies.

1.2 How to get this report via Internet?

Versions of this bibliography are available via anonymous **ftp** and **www** from the following sites:

<i>media</i>	<i>country</i>	<i>site</i>	<i>directory</i>	<i>file</i>
ftp	Finland	ftp.uwasa.fi	/cs/report94-1	gaJOURNALbib.ps.Z
www	Finland	http://www.cs.hut.fi	~ja/gaJOURNALbib	gaJOURNALbib.html

Observe that these versions may be somewhat different and perhaps reduced as compared to this volume that you are now reading. Due to technical problems in transforming L^AT_EX documents into **html** ones the **www** versions contain usually less information than the corresponding **ftp** ones. It is also possible that the **www** version is completely unreachable.

The directory also contains some other indexed GA bibliographies shown in table 1.1.

1.3 Acknowledgement

The editor wants to acknowledge all who have kindly supplied references, papers and other information on genetic algorithms in journals literature. At least the following GA researchers have already kindly supplied their complete autobibliographies and/or proofread references to their papers: Dan Adler, Patrick Argos, Jarmo T. Alander, James E. Baker, Wolfgang Banzhaf, Helio J. C. Barbosa, Hans-Georg Beyer, Christian Bierwirth, Joachim Born, Ralf Bruns, I. L. Bukatova, Thomas Bäck, Yuval Davidor, Dipankar Dasgupta, Marco Dorigo, J. Wayland Eheart, Bogdan Filipič, Terence C. Fogarty, David B. Fogel, Toshio Fukuda, Hugo de Garis, Robert C. Glen, David E. Goldberg, Martina Gorges-Schleuter, Hitoshi Hemmi, Vasant Honavar, Jeffrey Horn, Aristides T. Hatjimihail, Mark J. Jakiela, Richard S. Judson, Bryant A. Julstrom, Charles L. Karr, Akihiko Konagaya, Aaron Konstam, John R. Koza, Kristinn Kristinsson, D. P. Kwok, Gregory Levitin, Carlos B. Lucasius, Michael de la Maza, John R. McDonnell, J. J. Merelo, Laurence D. Merkle, Zbigniew Michalewics, Melanie Mitchell, David J. Nettleton, Volker Nissen, Ari Nissinen, Tomasz Ostrowski, Kihong Park, Nicholas J. Radcliffe, Colin R. Reeves, Gordon Roberts, David Rogers, Ivan Santibáñez-Koref, Marc Schoenauer, Markus Schwehm, Hans-Paul Schwefel, Michael T. Semertzidis, Moshe Sipper, William M. Spears, Donald S. Szarkowicz, El-Ghazali Talbi, Masahiro Tanaka, Leigh Tesfatsion, Peter M. Todd, Marco Tomassini, Andrew L. Tuson, Jari Vaario, Gilles Venturini, Hans-Michael Voigt, Roger L. Wainwright, D. Eric Walters, James F. Whidborne, Steward W. Wilson, Xin Yao, and Xiaodong Yin.

The editor also wants to acknowledge Elizabeth Heap-Talvela for her kind proofreading of the manuscript of this bibliography.

<i>file</i>	<i>contents</i>
ga90bib.ps.Z	GA in 1990
ga91bib.ps.Z	GA in 1991
ga92bib.ps.Z	GA in 1992
ga93bib.ps.Z	GA in 1993
ga94bib.ps.Z	GA in 1994
ga95bib.ps.Z	GA in 1995
ga96bib.ps.Z	GA in 1996
ga97bib.ps.Z	GA in 1997
gaAIbib.ps.Z	GA in artificial intelligence
gaALIFEbib.ps.Z	GA in artificial life
gaARTbib.ps.Z	GA in art and music
gaAUSbib.ps.Z	GA in Australia
gaBASICSbib.ps.Z	Basics of GA
gaBIObib.ps.Z	GA in biosciences including medicine
gaCADbib.ps.Z	GA in Computer Aided Design
gaCHEMPHYSbib.ps.Z	GA in chemistry and physics
gaCONTROLbib.ps.Z	GA in control
gaCSbib.ps.Z	GA in computer science (incl. databases and GP)
gaDBbib.ps.Z	GA in databases
gaECObib.ps.Z	GA in economics and finance
gaENGBib.ps.Z	GA in engineering
gaESbib.ps.Z	Evolution strategies
gaFAR-EASTbib.ps.Z	GA in the Far East (Japan etc)
gaFRAbib.ps.Z	GA in France
gaFTPBib.ps.Z	GA papers available via ftp
gaFUZZYbib.ps.Z	GA and fuzzy logic
gaGERbib.ps.Z	GA in Germany
gaGPbib.ps.Z	genetic programming
gaIMPLEbib.ps.Z	implementations of GA
gaLOGISTICSbib.ps.Z	GA in logistics
gaMANUbib.ps.Z	GA in manufacturing
gaMEDITERbib.ps.Z	GA in the Mediterranean
gaNNbib.ps.Z	GA in neural networks
gaNORDICbib.ps.Z	GA in Nordic countries
gaOPTIMIBib.ps.Z	GA and optimization (only a few refs)
gaOPTICSbib.ps.Z	GA in optics and image processing
gaORBib.ps.Z	GA in operations research
gaPARAbib.ps.Z	Parallel and distributed GA
gaPOWERbib.ps.Z	GA in power engineering
gaPROTEINbib.ps.Z	GA in protein research
gaROBOTbib.ps.Z	GA in robotics
gaSAbib.ps.Z	GA and simulated annealing
gaSIGNALbib.ps.Z	GA in signal and image processing
gaTHEORYbib.ps.Z	Theory and analysis of GA
gaTOP10bib.ps.Z	Authors having at least 10 GA papers
gaUKbib.ps.Z	GA in United Kingdom
gaVLSIbib.ps.Z	GA in VLSI design and testing

Table 1.1: Indexed GA subbibliographies.

Chapter 2

Introduction

The table 2.1 gives the queries that have been used to extract this bibliography. The query system as well as the indexing tools used to compile this report from the BiB_TE_X-database [7] have been implemented by the author mainly as sets of simple **awk** and **gawk** programs [8, ?].

<i>string</i>	<i>field</i>	<i>class</i>
ARTICLE	citeKey	Journals

Table 2.1: Queries used to extract this subbibliography from the main database.

Chapter 3

Statistical summaries

This chapter gives some general statistical summaries of genetic algorithms in journals literature. More detailed indexes can be found in the next chapter.

References to each class (c.f table 2.1) are listed below:

Observe that each reference is included (by the computer) only to one of the above classes (see also the queries for classification in table 2.1).

3.1 Publication type

This bibliography contains published contributions including reports and patents. All unpublished manuscripts have been omitted unless accepted for publication. In addition theses, PhD, MSc etc., are also included whether or not published somewhere.

Table 3.1 gives the distribution of publication type of the whole bibliography. Observe that the number of journal articles may also include articles published or to be published in unknown forums.

<i>type</i>	<i>number of items</i>
journal article	2421
<i>total</i>	2421

Table 3.1: Distribution of publication type.

<i>year</i>	<i>items</i>	<i>year</i>	<i>items</i>
1957	3	1958	0
1959	0	1960	0
1961	0	1962	3
1963	2	1964	1
1965	0	1966	1
1967	2	1968	0
1969	0	1970	4
1971	2	1972	0
1973	6	1974	2
1975	1	1976	2
1977	5	1978	1
1979	3	1980	7
1981	8	1982	6
1983	4	1984	8
1985	10	1986	17
1987	19	1988	22
1989	30	1990	63
1991	76	1992	160
1993	265	1994	360
1995	516	1996	703
1997	109		
<i>total</i>			2421

Table 3.2: Annual distribution of contributions.

3.2 Annual distribution

Table 3.2 gives the number of genetic algorithms in journals papers published annually. The annual distribution is also shown in fig. 3.1. The average annual growth of GA papers has been approximately 40 % during almost the last twenty years.

3.3 Classification

engineering	405
neural networks	176
optimization	135
scheduling	123
control	122
evolution strategies	106
image processing	89
comparison	89
review	70
parallel GA	69
analysing GA	68
implementation	66
hybrid	64
CAD	63
chemistry	62
signal processing	55
machine learning	45
manufacturing	43
TSP	40
economics	39
robotics	35
population size	33
physics	33
evolution	33
tutorial	31
layout design	31
classifier systems	31
genetic programming	30
crossover	30
fuzzy systems	29
protein folding	28
filters	27
electronics	26
electromagnetics	25
VLSI	25
medicine	24
geophysics	24
artificial life	24
proteins	22
pattern recognition	22
controllers	21
classification	21
VLSI design	21
simulation	19
inversion problems	19
design	19
graphs	18
popular	17
coding	17
unit commitment	16
telecommunications	15
system identification	15
rule based systems	15
news	15
databases	15
optics	14
testing	13
routing	13
fuzzy logic	13
classifiers	13
inverse problems	12
generations	12
editorial	12
clustering	12
application	12
mutation	11
economic dispatch	11
acoustics	11
simulated annealing	10
shape design	10
robots	10

Every bibliography item has been given at least one describing keyword or classification by the editor of this bibliography. Keywords occurring most are shown in table 3.3.

3.4 Authors

Table 3.4 gives the most productive authors.

total number of authors	3746
Goldberg, David E.	31
Fogel, David B.	27
Lucasius, Carlos B.	19
Gen, Mitsuo	17
Karr, Charles L.	17
Kateman, Gerrit	17
Dorigo, Marco	15
Anon.	14
Fukuda, Toshio	14
Michalewicz, Zbigniew	13
Fogarty, Terence C.	11
Whitley, Darrell	11
Buydens, Lutgarde M. C.	10
Deb, Kalyanmoy	10
Forrest, Stephanie	10
Gen, M.	10
Shibata, Takanori	10
Vose, Michael D.	10
Willett, Peter	10
4 authors	9
6 authors	8
8 authors	7
23 authors	6
35 authors	5
69 authors	4
137 authors	3
544 authors	2
2900 authors	1

Table 3.4: The most productive genetic algorithms in journals authors.

3.5 Geographical distribution

The following table gives the geographical distribution of authors, when the country of the author was known. Over 80% of the references of the main database are classified by country.

<i>country</i>	<i>abs</i>	<i>%</i>
<i>Total</i>	2421	100.00
United States	679	28.05
Japan	389	16.07
Unknown country	217	8.96
United Kingdom	214	8.84
Germany (incl. DDR)	139	5.74
P. R. of China (incl. Hong Kong)	98	4.05
South Korea	73	3.02
Italy	67	2.77
Taiwan R.o.C.	57	2.35
India	51	2.11
Australia	44	1.82
Finland	42	1.73
The Netherlands	41	1.69
Canada	40	1.65
France	39	1.61
Belgium	20	0.83
Switzerland	20	0.83
Greece	18	0.74
Singapore	18	0.74
Spain	18	0.74
Israel	16	0.66
Austria	13	0.54
Poland	12	0.50
Russia	11	0.45
Hungary	9	0.37
Kuwait	7	0.29
Saudi Arabia	6	0.25
Slovenia	6	0.25
Czech Republic	5	0.21
Denmark	5	0.21
Bulgaria	3	0.12
Turkey	3	0.12
Iran	2	0.08
Ireland	2	0.08
Portugal	2	0.08
Sweden	2	0.08
Brazil	1	0.04
Chile	1	0.04
Cyprus	1	0.04
Egypt	1	0.04
Jordan	1	0.04
Lebanon	1	0.04
Republic of South Africa	1	0.04
Romania	1	0.04
Slovak Republic	1	0.04
Thailand	1	0.04
United Arab Emirates	1	0.04

Table 3.5: The geographical distribution of the authors.

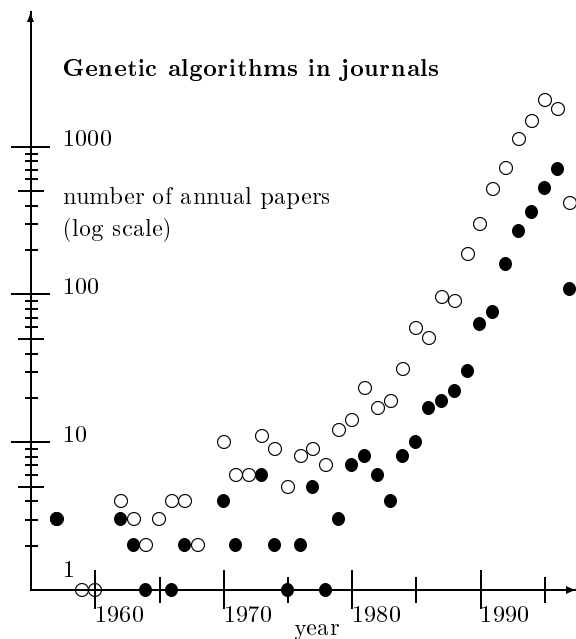


Figure 3.1: The number of papers applying **ge-
netic algorithms in journals** (●) ○ = total GA
papers. Observe that the last two years are most
incomplete in the database.

3.6 Conclusions and future

The editor believes that this bibliography contains references to most genetic algorithms in journals contributions upto and including the year 1996 and the editor hopes that this bibliography could give some help to those who are working or planning to work in this rapidly growing area of genetic algorithms.

Chapter 4

Indexes

4.1 Books

The following list contains all items classified as books.

- none

4.2 Journal articles

The following list contains the references to every journal article included in this bibliography. The list is arranged in alphabetical order by the name of the journal.

- ? (ETSI LEHDEN NIMI), [9]
@CSC, [10]
Academy of Sciences of the USSR, Institute of Radio Engineering and Electronics, Moscow, [11]
ACM Computer Surveys, [12, 13]
ACM Trans. Math. Softw., [14]
ACOUSTICA, [15]
Acoustical Imaging, [16]
Acta Acust. (France), [17]
ACTA Biotheoretica, [18]
Acta Crystallographica Section D, [19]
Acta Electronica Sinica, [20, 21, 22, 23]
Acta Electronica Sinica (China), [24, 25, 26]
Acta Forestalia Fennica, [27]
Acta Physica Sinica, [28]
Acta Polytechnica Scandinavica, Electrical Engineering Series (Finland), [29]
Adaptive Behavior, [30, 31, 32, 33, 34, 35, 36]
Adv. Eng. Softw. (UK), [37, 38, 39, 40, 41]
Advanced Composites Letters, [42]
Advanced Technology for Developers, [43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59]
Advances in Applied Mathematics, [60]
AES J. Audio Eng. Soc., [61]
AI Applications, [62]
AI Communications, [63, 64]
AI Expert, [65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85]
AIAA Journal, [86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98]
AIAA Journal on Disc, [99, 100, 101, 102, 103, 104, 105]
AIAA Journal?, [106, 107]
AIChE J., [108]
AISB Quarterly, [109, 110]
Am. Mach., [111]
American Journal of Physics, [112]
American Scientist, [113]
Analytica Chimica Acta, [114, 115, 116, 117, 118, 119, 120, 121]
Analytical Chemistry, [122, 123, 124, 125]
Angewandte Chemie, Advanced Materials, [126]
Angewandte Informatik, [127]
Ann. Oper. Res. (Netherlands), [128, 129, 130, 131]
Ann. Telecommun. (France), [132]
Annals of Mathematics and Artificial Intelligence, [133, 134, 135, 136, 137, 138, 139, 140, 141, 142]
Annals of Operations Research, [143, 144, 145, 146, 147, 148]
APL Quote Quad, [149, 150, 151, 152, 153]
Appl. Artif. Intell., [154]
Appl. Artif. Intell. (USA), [155]
Appl. Intell. Int. J. Artif. Intell. Neural Netw. Complex Probl.-Solving Technol (Netherlands), [156, 157]
Appl. Intell., Int. Artif. Intell. Neural Netw. Complex Probl.-Solving Technol. (Netherlands), [158]
Appl. Math. Comput. Sci. (Poland), [159, 160]
Appl. Math. Modelling, [161, 162]
Appl. Phys. Lett., [163]
Applied Artificial Intelligence, [164, 165, 166, 167]
Applied Artificial Intelligence (USA), [168]
Applied Mathematics and Computation, [169, 170]

- Applied Optics, [171, 172]
- Archiv für Elektronik und Übertragungstechnik, [173]
- Archiv für Elektrotechnik, [174, 175, 176]
- Archives of Control Sciences, [177]
- Artif. Intell. Eng. (UK), [178, 179, 180, 181]
- Artif. Intell. Eng. Des. Anal. Manuf., [182, 183]
- Artificial Intell. Eng., [184]
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- Artificial Intelligence for Engineering Design, Analysis and Manufacturing, [197]
- Artificial Intelligence in Engineering (UK), [198]
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- Artificial Organs, [208]
- ASCE Journal of Water Resource Planning and Management, [209]
- Asian Computer Weekly, [210]
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- Aust. Comput. J. (Australia), [214]
- Australian Journal of Biological Sciences, [215]
- Autom. Constr., [216]
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- Axis (UK), [236]
- Bad. Oper. Decyzje (Poland), [237]
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- BT Technol. J. (UK), [286, 287]
- Build. Serv. Eng. Res. Technol. (UK), [288]
- Bull. Fac. Eng. Univ. Ryukyus (Japan), [289]
- Bull. Fac. Eng. Univ. Tokushima (Japan), [290]
- Bull. Sci. Assoc. Ing. Electr. Inst. Electrotech. Montefiore, [291]
- Bull. Seismol. Soc. Am., [292]
- Bulletin of Faculty of Engineering, Ryukyus (Japan), [293]
- Bulletin of Faculty of Engineering, Tokushima University (Japan), [294]
- Bulletin of the Polish Academy of Sciences - Chemistry, [295]
- BYTE, [296]
- Byte, [297]
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- Bürotechnik + Automation, [303]
- C/C++ Users Journal, [304]
- Can. J. Chem. Eng., [305]
- Can. J. Remote Sens, [306]
- Canadian Journal of Fisheries and Aquatic Sciences, [307]
- Cancer Letters, [308]
- CC-AI, [309]
- Chem. Inf. Comput. Sci., [310]
- Chem.-Ing.Tech., [311]
- Chemical Physics Letters, [312]
- Chemie-Technik, [313]
- Chemiker-Zeitung, [314]
- Chemistry & Biology, [315]
- Chemometrics and Intelligent Laboratory Systems, [316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326]
- Chemometrics and Intelligent Laboratory Systems (Netherlands), [327]
- Chin. J. Adv. Softw. Res. (USA), [328]
- Chin. J. Autom. (USA), [329, 330]
- Chin. J. Electron. (China), [331, 332, 333, 334]
- Chin. J. Electron. (Hong Kong), [335, 336]
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- Chromatographia, [340]
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- Circuits Syst. Signal Process. (USA), [342]
- CIRP Ann., [343, 344, 345]
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- Communications of the ACM, [350, 351, 352, 353, 354]
- COMPEL – The International Journal for Computations and Mathematics in Electrical and Electronic Engineering, [355]

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Comput. Civ. Eng. (New York), [416, 417, 418, 419, 420, 421, 422]

Comput. Civ. Eng. (USA), [423]

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Comput. Educ. J. (USA), [428]

Comput. Electron. Agric., [429]

Comput. Geosci. (UK), [430]

Comput. Geotech., [431]

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- Wissenschaftlichen Zeitschrift, [2413]
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- Z. Angew. Math. Mech. (Germany), [2415, 2416, 2417, 2418]
- Z. Met.kd. (Germany), [2419]
- Zeitschrift fur Angewandte Mathematik und Mechanik, [2420]
- Zeitschrift für allgemeine Mikrobiologie, [2421]
- Zeitschrift für Angewandte Mathematik und Mechanik, [2422, 2423, 2424]
- Zeitschrift für Physik D - Atoms, Molecules and Clusters, [2425, 2426]
- Zhongguo Jixie Gongcheng, [2427]
- ZWF Z. Wirtsch. Fabrikbetr. (Germany), [2428]
- total 2421 articles in 1048 journals

4.3 Theses

The following two lists contain theses, first PhD theses and then Master's etc. theses, arranged in alphabetical order by the name of the school.

4.3.1 PhD theses

- none

4.3.2 Master's theses

This list includes also “Diplomarbeit”, “Tech. Lic. Theses”, etc.

- none

4.4 Report series

The following list contains references to all papers published as technical reports. The list is arranged in alphabetical order by the name of the institute.

4.5 Patents

The following list contains the names of the patents of genetic algorithms in journals. The list is arranged in alphabetical order by the name of the patent.

- none

4.6 Authors

The following list contains all genetic algorithms in journals authors and references to their known contributions.

Aarts, E. H. L.,	[639]	Akiyama, Yutaka,	[1919]	Andrey, Philippe,	[1960]
Abbattista, Fabio,	[1984]	Alander, Jarmo T.,	[2075, 2210, 226]	Androulakis, I. P.,	[495]
Abbott, R. J.,	[2216, 2219]	Al-Attar, Akeel,	[65]	Angeline, Peter J.,	[1131, 974, 1270]
Abdalla, M. I. A.,	[655]	Alba Torres, Enrique A.,	[1292]	Angus, J. E.,	[1753]
Abdel-Magid, Y. L.,	[667, 937]	Albarran, M. de las Mercedes Gomez,	[1263]	Ankenbrandt, Carol Ann,	[1994]
Abdel-Wahab, A. H.,	[656]	Albery, W. J.,	[240]	Ann, SouGuil,	[686]
Abdullah, A. R.,	[621]	Aldrich, Chris,	[1251]	Anon.,	[908, 2212, 2028, 2214, 2205, 225, 2112, 543, 52, 1005, 1672, 991, 2000, 2237]
Abe, Tamotsu,	[1384, 1905, 1283]	Alfonseca, Manuel,	[152]	Ansari, Nirwan,	[1144, 1141]
Ablay, Paul,	[2158]	Alford, Cecil,	[1258]	Anttila, Rauno,	[2392]
Abraham, Jacob A.,	[1047]	Ali, Hesham H.,	[1812]	Aoki, H.,	[2335]
Absaloms, H.,	[2257]	Alippi, Cesare,	[475]	Aoki, Takeshi,	[1886]
Abunawass, Adel M.,	[2133]	Alison, Paul,	[2202]	Ara, K.,	[2348]
Abushagur, M. A. G.,	[1667]	Aljaber, Nasser,	[780, 512]	Arabas, J.,	[295]
Abutaleb, A. S.,	[342]	Allan, G.,	[1661]	Arai, Fumihito,	[1403, 871, 1907, 2349]
Acheroy, Marc,	[1073]	Allan, V. H.,	[1241]	Arai, K.,	[2269]
Adeli, H.,	[1124]	Almaini, A. E. A.,	[1800, 951, 705]	Arakaki, K.,	[289]
Adeli, Hojjat,	[1521, 1522, 1523, 1640, 1524]	Alotto, P.,	[1090]	Araki, K.,	[2247]
Adler, Dorit D.,	[1780]	Alpert, Bradley K.,	[60]	Ares, F.,	[710]
Adriaans, P. W.,	[1308]	Al-Sultan, K. S.,	[1659]	Argos, Patrick,	[1615, 1347, 1618, 2059]
Agati, P.,	[1320]	Altona, Cornelis,	[1534]	Arifovic, Jasmina,	[1571, 424, 1633]
Aggarwal, Charu C.,	[1923]	Altshuler, E. E.,	[1008]	Arkadan, A. A.,	[1091]
Agui, T.,	[2315]	Altshuler, Edward F.,	[1811]	Arkadan, A.-R. A.,	[1016]
Agui, Takeshi,	[1447, 2360, 2325, 2326, 2327, 1238]	Altus, Stephen S.,	[1608]	Arkin, R. C.,	[31]
Ahmad, Imtiaz,	[590, 928, 485, 1802, 1949, 1000]	Amaral, José Nelson,	[1185]	Arnold, E.,	[227]
Ahnactzin, J.,	[2207]	Ambati, Balamurali Krishna,	[247, 248]	Arnold, Mark A.,	[123, 124]
Ait-Boudaoud, D.,	[722]	Ambati, Jayakrishna,	[247, 248]	Arnone, Salvatore,	[1843]
Aiyoshi, E.,	[2376, 2269, 2378]	Amin, S.,	[284]	Arroyo, J. M.,	[1156, 1264]
Aizawa, A. N.,	[1017]	Anandalingam, G.,	[2072]	Arslan, T.,	[690, 712, 718, 719]
Aizawa, Akiko N.,	[537, 2189]	Anders, U.,	[852]	Arthur, W. Brian,	[826]
Akahori, Hiroshi,	[1070]	Anderson, A. P.,	[693, 709]	Arulambalam, A.,	[1141]
Akatsuka, N.,	[1385]	Anderson, C. W.,	[1746]	Arunkumar, S.,	[559, 1950, 541]
Aketa, Y.,	[1221, 684]	Anderson, Charles A.,	[388]	Asai, K.,	[1516, 2253]
Akhtari, M.,	[1491]	Anderson, Edward J.,	[1941, 1925]	Asai, S.,	[1689]
Akimoto, Y.,	[663]	Anderson, R. W.,	[810]	Ase, H.,	[1909]
Akinari, Yoshinori,	[1095]	Andrews, E. L.,	[2231]		

Asgharian, R.,	[1064, 1065]	Bammert, K.,	[2330]	Beder, Jay H.,	[2122]
Ashdown, Ian,	[1441]	Bandyopadhyay, S.,	[1974]	Beer, R. D.,	[2088]
Ashida, Y.,	[2370]	Banerjee, P.,	[1242, 1051]	Beer, Randall D.,	[34]
Ashmore, B.,	[2220]	Bangalore, A. S.,	[123]	Begley, S.,	[1870]
Aspragathos, N. A.,	[1773, 1511]	Banzhaf, Wolfgang,	[358, 33, 277, 250, 1515, 542, 251, 252]	Behera, N.,	[1676]
Aspragathos, Nikos A.,	[2093]	Bär, R.,	[404]	Belew, Richard K.,	[363, 987, 1725, 1731]
Atmar, J. Wirt,	[1122, 255]	Barclay, Peter J.,	[1356]	Belfore, L. A.,	[1016]
Austin, Scott,	[74, 75]	Barnes, J. W.,	[759]	Benedetti, G.,	[266]
Avatchanakorn, Vichit,	[845]	Barreto, Jorge M.,	[1813]	Bengio, S.,	[1289, 1290]
Averill, Ronald C.,	[978]	Barricelli, N. A.,	[1785, 18, 1681]	Benten, Muhammad S. T.,	[1355, 1357]
Awadh, Bahaa,	[557]	Barry, A. M.,	[1396]	Bentley, Peter J.,	[745, 1794]
Axelrod, Robert,	[2102, 2103]	Bartels, Christian,	[1550]	Benz, J.,	[404]
Ayers, L.,	[1402]	Barth, N. H.,	[1530]	Berenji, Hamid R.,	[962]
Aygun, K.,	[1810]	Bartos, Frank J.,	[598]	Berg, Dale E.,	[2407]
Aylor, J. H.,	[1349]	Basile, Luciano,	[1312]	Bergman, Aviv,	[2129]
Aytug, Haldun,	[550, 764, 1288, 757]	Baskaran, Subbiah,	[2228]	Berk, F.,	[2416]
Azevedo, Fernando M. de,	[1813]	Bassani, Domenico,	[1772]	Berlage, O.,	[1218]
Azvine, B.,	[287]	Bassus, R. C.,	[174]	Bernal-Agustin, J. L.,	[1324]
Baba, Toshimitsu,	[975]	Bastian, A.,	[233]	Bertoni, Alberto,	[193]
Babu, G. Phanendra,	[1274, 1962, 242, 539, 1995]	Basu, A.,	[753]	Bessiere, P.,	[2207]
Bac, Fam Quang,	[249]	Batali, J.,	[807]	Bessière, Pierre,	[2125]
Back, Barbro,	[844]	Batenburg, F. H. van,	[1675, 1616]	Betensky, E.,	[1928]
Back, H.,	[232]	Baterekh, A.,	[1787]	Bettayeb, M.,	[937]
Bäck, Thomas,	[2163, 2128, 1705, 824]	Bates, Ronald A.,	[1628]	Beyer, Hans-Georg,	[792, 796, 803, 804, 275, 2413, 1625, 813, 1374]
Backhouse, P. G.,	[1661]	Battiti, R.,	[1809]	Bezdek, James C.,	[1071]
Badami, Vivek,	[2046]	Battle, David L.,	[196]	Bhandari, Dinabandhu,	[1278, 1973, 869, 1281]
Bagchi, Sugato,	[986]	Battle, S. A.,	[1248]	Bhandarkar, Suchendra M.,	[1961]
Baheri, H. R.,	[305]	Baumgarten, G.,	[853]	Bhanu, Bir,	[1036]
Bai, Baodong,	[1099]	Bean, James C.,	[1942, 1924]	Bharadwaj, K. K.,	[1313]
Bakirtzis, A. G.,	[938, 1156, 1163]	Beard, Nick,	[1998, 1999]	Bhasker, Jayaram,	[1054]
Bala, Jerzy W.,	[1967, 806, 1996]	Beasley, David,	[2394, 2395, 2389, 2390, 812]	Bhattacharjya, Anoop K.,	[1123, 2136]
Balakrishnan, J.,	[1752]	Beasley, J. E.,	[767, 579]	Bhattacharrya, Siddartha,	[764, 757]
Balakrishnan, P. V.,	[1748]	Beaty, Steven J.,	[2135]	Bhattacharyya, Siddartha,	[356]
Balas, G. J.,	[1078]	Beauchamp, James,	[1401, 457, 1531, 488]	Bickel, Arthur S.,	[491]
Balasekar, S.,	[1141]	Beaumont, P. M.,	[425]	Bickel, Riva Wenig,	[491]
Balio, R. Del,	[1956]	Becker, B.,	[1296]	Bickling, F.,	[2071]
Ball, N. R.,	[198]	Becker, Bernd,	[933, 849]	Bidanda, B.,	[1452]
Balogh, S.,	[407]	Becker, Douglas E.,	[2136]	Biegel, John E.,	[532]
Baluja, Shumeet,	[591, 1189]	Beckers, M. L. M.,	[114, 405]	Bieling, V.,	[858]
		Beckers, Mischa L. M.,	[1534]		

Bierwirth, Christian,	[1937]	Boughton, Edward M.,	[308]	Bui, Thang Nguyen,	[1059]
Bigeon, J.,	[1107]	Bounds, David G.,	[1822, 1823]	Bukatova, Innesa L.,	[2152, 2154, 11, 2153]
Bilge, Ümit,	[582]	Bourset, F.,	[705]	Bull, David R.,	[2394, 2395, 1080, 2389, 2390, 812]
Billina, S.,	[951]	Bowden, Royce O.,	[520, 1246, 1487, 530]	Bull, Lawrence,	[109, 953]
Billings, S.,	[902]	Bowie, James U.,	[2049]	Bullington, Stanley F.,	[1246]
Billings, Steve A.,	[1847, 1852]	Box, G. E. P.,	[1668]	Bullock, G. N.,	[634]
Billiter, Martin,	[1550]	Boyden, S.,	[112]	Burais, N.,	[1097]
Billo, R. E.,	[1452]	Bradbeer, Peter V. G.,	[1356]	Burbaum, J. J.,	[240]
Bin, Wu,	[469]	Bradshaw, P. T.,	[425]	Burgin, George H.,	[1565]
Bin, Yang,	[217, 221]	Brady, D.,	[1931]	Burkhardt, S.,	[1022]
Bindl, G.,	[264]	Brady, R. M.,	[1824]	Burks, C.,	[1721]
Bing, Zhang,	[1817]	Braglia, M.,	[1393]	Bush, B. O.,	[442]
Birchenhall, C.,	[426]	Brasseur, Georg,	[1088]	Buss, Martin,	[964]
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Black, N. D.,	[401]	Brauer, H.,	[2393]	Blżewicz, Jacek,	[765]
Bland, I. M.,	[711]	Braun, Heinrich,	[2417]	Cadenas, Jose Manuel,	[237]
Blandon, I. M.,	[707]	Breemen, A. N. van,	[2402]	Cagnoni, S.,	[1041]
Blanz, W. E.,	[1972]	Bremermann, H. J.,	[1120, 2056, 1763]	Cai, H.,	[545]
Blekas, K.,	[1456]	Bret, C. Le,	[1409]	Cai, J.,	[40, 41]
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Boang, Amir,	[1007]	Březina, TToáš,	[1921]	Cai, Ziyong,	[777]
Boctor, F. F.,	[1327]	Bridges, Clayton L.,	[258]	Caiti, A,	[1090]
Bogardi, J. J.,	[2403]	Bright, M. S.,	[712]	Calabretta, R.,	[1856]
Bogart, Christopher,	[1955]	Brill, Frank Z.,	[1142]	Caldwell, Craig,	[285]
Boggia, R.,	[1545]	Brillowski, K.,	[1711]	Callahan, K. J.,	[399]
Bolte, A.,	[760]	Brodmeier, Tilman,	[1547]	Cameron, G. G.,	[957]
Bommel, Patrick van,	[1259, 214]	Brooks, Richard R.,	[186]	Campanini, Renato,	[1317, 480]
Boneh, D.,	[640]	Broudiscou, A.,	[318]	Campbell, James,	[1175]
Bonissone, Piero P.,	[2046]	Broughton, J. Q.,	[1820]	Campbell, John,	[108]
Booker, Lashon B.,	[1726, 192]	Brown, D. R.,	[2078]	Campbell, M. L.,	[2216, 2219]
Booker, Peter,	[746]	Brown, Donald E.,	[576, 1142, 583]	Camussi, A.,	[403]
Boom, Rob,	[2168]	Brown, Richard,	[1779]	Canas, A.,	[1842]
Boone, G.,	[31, 1354]	Brown, Robert D.,	[1536, 1538]	Capcarrere, Mathieu S.,	[1917]
Borghi, Giuseppe,	[1190]	Brudermann, U.,	[859]	Caponetto, R.,	[1510, 2361]
Born, Joachim,	[2195, 1954]	Buchholz, J. J.,	[853]	Carlo, A. Di,	[1913]
Bornholdt, Stefan,	[1849]	Buckles, Bill P.,	[1988, 1994]	Carlson, Susan Elizabeth,	[1429, 2077]
Bos, M.,	[115]	Buckley, James J.,	[867]	Carlton, W. B.,	[759]
Boschetti, Fabio,	[850, 900]	Buczak, Anna L.,	[1285]	Carol, Mark P.,	[1293]
Boseniuk, Thorsten,	[2025, 2196, 785]	Budiarto, R.,	[447]	Carpenter, T. A.,	[1770, 1771]
Botteldooren, D.,	[17]	Budilova, E. V.,	[2069]		
Boudreau, R.,	[1502]				

Carpenter, Tamra,	[577]	Chandrasekaran, S.,	[1797]	Chen, S.-H.,	[1573]
Carpinetti, L. C. R.,	[486]	Chandrasekharam, R.,	[1805, 1339, 945]	Chen, T.,	[2397, 2398]
Carpio, C. A. Del,	[1411]	Chang, C. S.,	[935]	Chen, Ting-Yu,	[1322]
Carrera, Cecilia,	[766]	Chang, Chung-Ju,	[1121]	Chen, Wei-Yen,	[289]
Carroll, David L.,	[106, 105]	Chang, C.-J.,	[929]	Chen, Yan,	[659]
Carse, Brian,	[109, 879]	Chang, Geoffrey,	[19]	Chen, Y.,	[907]
Carter, Jonathan Neil,	[565]	Chang, Hong-Chan,	[1154, 1155, 1412, 1165]	Chen, Yen-Wei,	[293]
Cartwright, Hugh M.,	[212, 1252]	Chang, Ming-Hui,	[2029]	Chen, Yung-Yaw,	[881]
Caruthers, James M.,	[494, 1540]	Chang, R.,	[1717]	Cheng, D. T. Y.,	[2030]
Casadio, Rita,	[480]	Chang, R.-I.,	[692]	Cheng, Franklin Y.,	[1641]
Casao, Jorge Gasos,	[2119]	Chang, Seung-Ho,	[2301, 2303]	Cheng, Heng-Da,	[1964]
Caskey, Kevin,	[2055]	Changshui, Zhang,	[331, 20]	Cheng, Nai-Tsang,	[1521, 1522, 1524]
Cass, R.,	[602]	Chaohao, Cai,	[2032]	Cheng, R. W.,	[515]
Caudill, Maureen,	[76]	Chapman, Colin D.,	[1488, 1609]	Cheng, Ray-Guang,	[1121]
Caulfield, H. John,	[1934]	Chappell, Michael J.,	[1628]	Cheng, R.,	[1693]
Caux, Christophe,	[224]	Chatterjee, Amitabha,	[1971]	Cheng, Runwei,	[504, 435, 437, 527, 452]
Cavanaugh, Joseph E.,	[1147]	Chatterjee, Sangit,	[766, 402]	Cheng, Yu-Min,	[969]
Cedeño, Walter,	[1489]	Chattopadhyay, S.,	[1060]	Chenghong, Wang,	[329]
Celko, Joe,	[647]	Chau, C. W.,	[1083]	Chengjun, Fu,	[2031]
Cemes, R.,	[722]	Chaudhuri, P. P.,	[1060]	Chengke, Wu,	[1514]
Cerf, Raphaël,	[400]	Chaudhury, Santanu,	[1971]	Chengquan, Hu,	[1817]
Cesteros, A. M. F.-P.,	[1263]	Chaudhury, S.,	[945]	Chepurnov, S. A.,	[2069]
Cha, Sang-Yeob,	[2301, 2303]	Chen, J. L.,	[468]	Chetwynd, D. G.,	[486]
Chacraborty, U. K.,	[1255]	Chen, Bor-Sen,	[969]	Cheung, N.-M.,	[1406]
Chae, Hong-Kook,	[971]	Chen, C. L. Philip,	[1450]	Chi, H.,	[343]
Chae, Soo-Ik,	[686]	Chen, C. Y. R.,	[1000]	Chian, King,	[494]
Chai, Bing-Bing,	[1966]	Chen, Cha'o-Kuang,	[169]	Chiang, Chih-Kuan,	[1076]
Chakraborty, Uday Kumar,	[1275]	Chen, Cheng-Ji,	[1453]	Chiang, Hsaio-Dong,	[1158, 738]
Chalmers, Alan G.,	[1808]	Chen, Chieh-Li,	[2029, 169]	Chiang, Hsiao-Dong,	[1354]
Chambers, B.,	[689, 709, 931]	Chen, Ching-Dong,	[1053]	Chiang, Kenneth H.,	[2046]
Chan, C. S.,	[958]	Chen, Chuen-Lung,	[780, 512, 771, 756]	Chiba, T.,	[1634]
Chan, C. Y.,	[2073]	Chen, Chung-Jei,	[1322]	Chincarini, A.,	[1094]
Chan, Heang-Ping,	[1780]	Chen, Huimin,	[1360]	Chipperfield, Andrew,	[1079]
Chan, Heming,	[1340]	Chen, Jahau Lewis,	[341]	Chitre, Yateen,	[1117]
Chan, K. C.,	[503, 450]	Chen, Jianhua,	[186]	Chiu, Chien-Chien,	[930]
Chan, King,	[1540]	Chen, Jie,	[1389]	Chiva, Emmanuel,	[243]
Chan, San-Kuen,	[1407]	Chen, Jun-Ben,	[28]	Chmumy, J.,	[1839]
Chan, Shu-Park,	[1343, 1362]	Chen, Kun-Mu,	[1039, 1006]	Cho, Dong-Hyeok,	[1101]
Chan, W. T.,	[2385, 2386, 1239]	Chen, Peng,	[1227]	Cho, Hyun Chan,	[1599]
Chan, Weng Tat,	[1439]	Chen, Po-Hung,	[1154, 1155, 1165]	Cho, Kyung Ho,	[1478]
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Chockalingam, T.,	[559, 1950, 541]	Cochrane, P.,	[284]	Crauwels, H. A. J.,	[774]
Choi, D.,	[2338, 2292]	Coghill, George G.,	[1216]	Crebbin, G.,	[956]
Choi, Jae Young,	[558]	Cohoon, James P.,	[1046, 1049, 1349, 1055]	Cressman, R.,	[885]
Choi, Young-Kiu,	[2298, 2300]	Coit, David W.,	[1177, 524, 548]	Crosher, D. T.,	[1266]
Chopard, Bastien,	[1837, 2157]	Coley, D. A.,	[2150, 592]	Cross, Andrew D. J.,	[1968]
Chou, Li-Der,	[1228]	Colin, Andrew,	[43]	Crossley, William A.,	[1527]
Chou, Seng-Cho Timothy,	[2147]	Collins, Steve M.,	[1023]	Crutchfield, James P.,	[2006]
Choudhary, A.,	[2101]	Colombetti, Marco,	[30, 185, 1190]	Csukas, B.,	[407]
Chow, Keith Hung-Kei,	[1045]	Colorni, Aberto,	[1212]	Cui, Jiefan,	[1099]
Chow, Pei-Tse,	[1433, 464, 1417, 467]	Colorni, Alberto,	[763, 1187, 1392, 2086]	Cui, Jun,	[866]
Chowdhury, Nirmalya,	[1991]	Colvin, M. E.,	[1383]	Culberson, Joseph C.,	[797]
Christensen, John P.,	[1279]	Compiani, Mario,	[480]	Cuppini, M.,	[761]
Chu, C. Y.,	[2073]	Comulkiewicz, Richard,	[2122]	Cura, Eliana,	[1160]
Chu, Lon-Chan,	[1017]	Cona, John,	[72]	Curatelli, F.,	[1358]
Chu, Paul C.,	[767, 579]	Conejo, A. J.,	[1156]	Curtis, Alan R. D.,	[1591]
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Chul, Ju Hyun,	[458]	Conrad, Michael,	[1846]	Dagli, C.,	[533]
Chun, Dae N.,	[1965]	Contini, Fabrizio,	[1043]	Dai, Guiliang,	[2238]
Chun, Dae Nyung,	[1471]	Conway, Daniel G.,	[551]	Daley, M. L.,	[1010]
Chun, Jang-Sung,	[1101, 1103, 1109]	Cook, Deborah F.,	[624]	Dalton, C. H.,	[487]
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Chung, Hung-Yuan,	[1076]	Cooper, Lee G.,	[1749]	Dandy, Graeme C.,	[209, 2067, 2401]
Chung, Kyu Sik,	[1474]	Cooper, Mark Gary,	[2141]	Dane, Adrie D.,	[125]
Chung, Tae Kyung,	[1105]	Coporaletti, Louis E.,	[629]	D'Angelo, Donna J.,	[307, 976]
Chung, Tea-Kyoung,	[1101]	Cordes, James M.,	[1784]	Dangprasert, Pataya,	[845]
Chunguang, Zhou,	[1817]	Cordón, Oscar,	[177]	D'Antone, I. D.,	[1317]
Chunnanond, Vorathum,	[419]	Cornet, F. H.,	[903]	Daoudi, Khalid,	[861]
Clark, David E.,	[1537, 1558, 1559]	Corno, Fulvio,	[1048]	Darwen, P. J.,	[1272]
Clark, James H.,	[374]	Corriou, J.-P.,	[2071]	Das, Rajarshi,	[142, 1746]
Clark, Sean,	[1394]	Costa, Daniel,	[1262]	Das, Subhudev,	[1036]
Clarke, T.,	[1508]	Costa, D.,	[1496]	Dasarathy, Belur V.,	[1929]
Clarkson, Mark,	[297]	Coverstone-Carroll, V. L.,	[1428]	Dasgupta, D.,	[531]
Clearwater, Scott H.,	[190]	Coverstone-Carroll, Victoria,	[1435]	Dasgupta, Dipankar,	[622, 940]
Clemens, G.,	[728]	Cowan, C. F. N.,	[2137]	Dastidar, D. Ghosh,	[1275]
Clement, Serge,	[1334]	Cowley, Peter H.,	[1082]	Date, H.,	[2249]
Cliff, David T.,	[2096]	Cox, Jr., L. A.,	[1589]	Datta, Amlan,	[2167]

Dauer, Jerald P.,	[162]	Dev, Keshav,	[1976]	Doyle, James F.,	[842, 843]
Davé, Rakhal D.,	[2157]	Devarakonda, R.,	[1364]	Doyle, P. M.,	[1377]
Davern, James John,	[532]	Dewdney, A. K.,	[2108, 2109]	Dracopoulos, Dimitris C.,	[1834]
David, Wu S.,	[1244]	Dhawan, Atam P.,	[1963, 1117, 1037]	Draschba, C.,	[2428]
Davidor, Yuval,	[364, 1655]	Dhingra, A. K.,	[1305, 747]	Drechsler, R.,	[1296]
Davidson, Clive,	[727]	Dhingra, Anoop K.,	[1430]	Drechsler, Rolf,	[933, 849]
Davidson, J. W.,	[1562]	Dhodhi, Muhammad K.,	[1054, 590, 928, 485, 1802, 1949, 1000]	Dreizler, R. M.,	[1632, 2024, 2017]
Davies, R.,	[605, 1508]	Diekmann, R.,	[596]	Dress, W. B.,	[1432]
Davis, Lawrence,	[1727, 44, 45, 46, 47, 48]	Dighe, Rahul,	[801]	Drevlak, M.,	[1374]
Davis, L.,	[1589]	Di Caro, G.,	[1317]	Drijkoningen, G. G.,	[2023, 887]
Davis, Thomas Elder,	[825]	Dillon, N.,	[1770, 1771]	Drijkoningen, Guy,	[898, 895]
Dawid, H.,	[357, 394]	Dimeo, Roberto,	[1063]	Dror, M.,	[775]
Dawoud, M. M.,	[693, 667, 937]	Ding, A. M. G.,	[213]	Drzik, M.,	[466]
Dean, J. P.,	[413]	Ding, H.,	[671]	Duan, Q. Y.,	[1626]
Deaven, D. M.,	[2002]	Ding, Ying,	[978]	Dube, D.,	[158]
Deb, Kalyanmoy,	[133, 2167, 2168, 791, 91, 368, 369, 374, 1671, 375]	Ding, Yingjia,	[1363]	Dubois, J.-M.,	[786]
Deb, K.,	[795]	Dinjiang, Huang,	[2036]	Duckstein, J.,	[2403]
Deboeck, Guido,	[49, 50]	Dion, Douglas,	[2103]	Duhamel, C.,	[156, 157]
Deboeck, Tony,	[49]	Diplock, G.,	[886]	Dumont, Guy A. M.,	[1775, 1204]
DeChain, Michael D.,	[1918]	Ditto, William,	[352]	Dunay, B. D.,	[1330]
DeChaine, M. D.,	[2241, 1914]	Diver, D. A.,	[1630]	Dunham, B.,	[2183]
Degener, T. F.,	[1318]	Diviacco, B.,	[1688]	Dunworth, C.,	[640]
Dejing, Yu,	[608]	Dixon, J. Scott,	[1557]	Dyabin, M. I.,	[1814, 1799]
Delabie, C.,	[720]	Dobnikar, Andrej,	[1853, 1838]	Dybowski, R.,	[1717]
de Haan, V.-O.,	[2023]	Dobransky, M. K.,	[1307]	Dyczij-Edlinger, R.,	[1116]
Delibasis, K. K.,	[957]	Doi, Hirofumi,	[2050]	Dzuber, John,	[189]
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Della Cioppa, Antonio,	[1525]	Doma, M. J.,	[414]	Eastman, Charles M.,	[216]
Della Croce, Federico,	[560]	Dominic, Stephen,	[1746]	Eaton, C.,	[424]
Delport, V.,	[713]	Domschke, Wolfgang,	[765]	Eaton, M.,	[1613]
Delport, Volker,	[697]	Donnart, Jean-Yves,	[1191]	Ebeling, Werner,	[2025, 2196, 785, 2197, 279, 2198]
Denby, B.,	[2364]	Donne, M. S.,	[2040]	Echizen-Ya, H.,	[2247]
Denham, M. J.,	[634]	Dorey, Robert E.,	[629, 972, 235]	Egusa, Yo,	[1070]
Denning, Peter J.,	[113]	Dorigo, Marco,	[30, 1723, 185, 763, 1724, 1187, 1190, 1392, 1212, 1196, 1804, 193, 1198, 816, 2086]	Eheart, J. Wayland,	[2405]
Dentith, Mike C.,	[850, 900]	Dornberger, R.,	[2170, 2171]	Ehrlich, M.,	[120]
Deo, Brahma,	[2167, 2168]	Dorndorf, Ulrich,	[561]	Eigen, Manfred,	[253]
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El-Hawary, M. E.,	[1172]	Faulkner, T. R.,	[1548]	Fontana, Walter,	[2019]
Elinson, M. I.,	[2152]	Fei, Z. Y.,	[1099]	Fonteix, C.,	[2071, 1337]
El-Keib, A. A.,	[671, 680, 665]	Feipeng, Li,	[23]	Forrest, Stephanie,	[201, 1721, 12, 1731, 2013, 2130, 2104, 818, 819, 1732]
Elketroussi, Mehdi,	[1297]	Feldhousen, E. L.,	[1349]	Forsyth, Richard S.,	[1715]
Elliot, K. B.,	[1437]	Fellrath, Paul,	[846]	Fortuna, L.,	[1510, 2361]
Elmakis, David,	[2033, 676, 678, 681, 682]	Feltus, M. A.,	[2241, 1914]	Fotheringham, A. F.,	[1661]
El-Maraghy, Hoda A.,	[346]	Feltus, Madeline Anne,	[1918]	Fotouhi, Frashad,	[1260]
Elofsson, Arne,	[2064]	Fenanzo, A. J.,	[2127]	Fourman, Michael P.,	[926]
Engel, A.,	[2025, 2197]	Fenekohal, Rahim F.,	[2383]	Fox, B. L.,	[145]
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Enokizono, Masato,	[1095]	Ferrier, G. D.,	[1568]	Fraga, E. S.,	[409]
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Erkens, E.,	[1936]	Ficek, R. K.,	[1940]	Frangopoulos, C. A.,	[408]
Ersoy, O. K.,	[691]	Fieber, M.,	[213]	Fraser, A. S.,	[1679]
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Espenschied, K. S.,	[2088]	Finley, Linda,	[966]	Freeman, L. C.,	[1607]
Etchebest, C.,	[1535, 1553]	Fisher, B. J.,	[1770, 1771]	Freeman, Ray,	[1624, 1603]
Evans, D. J.,	[1947]	Fitzpatrick, J. Michael,	[1118, 1736]	Freer, Stephan T.,	[315, 2066]
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Fadda, A.,	[2415]	Fleming, Peter,	[1079]	Freund, Harald,	[365]
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Falck, E.,	[174]	Flores, B.,	[1747]	Freyer, Stephan,	[241]
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Fan, David P.,	[1297]	Fogel, David B.,	[538, 623, 1132, 1134, 2164, 270, 1270, 315, 981, 982, 2143, 272, 800, 628, 308, 804, 549, 254, 255, 256, 625, 1143, 996, 817, 626, 280, 281]	Fuat Üler, Gökçe,	[1093, 1098, 1104, 1110]
Fang, J. H.,	[1719, 2145]	Fogel, Gary B.,	[628]	Fuchs, F.,	[176]
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Fanni, Alessandra,	[1102]	Fonseca, Carlos M.,	[798]	Fuentes, Olac,	[627]
Fariselli, Piero,	[480]			Fujii, I.,	[1634]
Farmer, J. Doyné,	[2012]			Fujii, S.,	[1909]
Farrell, Chris,	[1866]				

Fujikawa, Hideji,	[511]	Gang, Shen,	[20]	Ghannadian, Farzad,	[1258]
Fujimoto, Shinsaku,	[1885]	Gant, V.,	[1717]	Ghazfan, Desra,	[1806]
Fujimoto, Y.,	[1462]	Garavelli, A. C.,	[525]	Ghisleni, Cristian,	[828]
Fujita, Satoshi,	[1903]	Garcia, F.,	[1273]	Ghosh, Joydeep,	[1185]
Fujita, S.,	[1855]	Garigliano, R.,	[432]	Ghosh, S.,	[1485]
Fukuda, T.,	[2272, 1701, 160]	Garigliano, Roberto,	[1532, 1560]	Gialamas, T. P.,	[408]
Fukuda, Toshio,	[604, 1873, 2369, 1403, 871, 1889, 1892, 873, 1699, 526, 2090, 1906, 1907, 2349]	Gariglio, Daniel,	[2140]	Gibbs, W. Wayt,	[2107]
Fukuda, Toyoo,	[2352]	Garis, Hugo de,	[1863, 1670, 1836]	Giddens, Terri D.,	[1182]
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Funk, W.,	[632]	Gawelczyk, A.,	[794]	Glaskin, M.,	[2174]
Furst, M.,	[383]	Gawelczyk, Andreas,	[788]	Glen, R. C.,	[1377, 1556]
Furuhashi, Takeshi,	[2365, 2344, 2373, 521, 2354]	Ge, S. S.,	[1084]	Glen, Robert C.,	[1537, 1538, 1555, 1617, 1619, 1622]
Furuhashi, T.,	[1691, 1700, 451, 2268]	Gea, H. G.,	[2242]	Glover, David E.,	[782]
Furukawa, Masashi,	[1899]	Gehlhaar, Daniel K.,	[2066]	Glover, Fred,	[637, 553, 2160, 562]
Furukawa, Tomonan,	[1876]	Gehlhaar, Daniel,	[315]	Gockel, N.,	[1296]
Furusato, M.,	[2356]	Gelsema, E. S.,	[1975, 1990]	Göckel, Nicole,	[933]
Furuta, H.,	[1788]	Gemme, G.,	[1094]	Godfrey, Keith R.,	[1628]
Furuta, Hitoshi,	[39]	Gemmill, D. D.,	[1304, 1760]	Goeckel, Nicole,	[849]
Furuya, Osamu,	[1903]	Gen, M.,	[1693, 444, 446, 1697, 1698, 2276, 433, 448, 449, 2278]	Goffe, W. L.,	[1568]
Furuya, Tatsumi,	[2188]	Gen, Mitsuo,	[504, 508, 1694, 443, 435, 437, 769, 515, 523, 527, 452, 2279, 440, 1593, 685, 441, 1666]	Goggos, V.,	[415]
Fushuan, Wen,	[2035, 219, 222]	Gen, Mitsuo,	[504, 508, 1694, 443, 435, 437, 769, 515, 523, 527, 452, 2279, 440, 1593, 685, 441, 1666]	Goldberg, David E.,	[133, 350, 791, 2151, 1948, 1061, 192, 750, 751, 1564, 366, 367, 368, 258, 369, 370, 1734, 371, 372, 1587, 1066, 373, 374, 166, 2383, 138, 1671, 51, 1656, 375, 1740]
Fwa, T. F.,	[2385, 2386, 1239]	Geng, Wen,	[1021]	Golic, L. L.,	[2152]
Gage, Peter J.,	[87, 1608, 104, 107]	Genta, Giancarlo,	[1772]	Gomatam, Jagannathan,	[188, 191]
Galar, R.,	[257]	Gentry, Edward J.,	[1077]	Gong, Dijin,	[443]
Galbiati, R.,	[1856]	George, R.,	[1988]	Gong, W.-B.,	[1755]
Gallagher, J. C.,	[2088]	George, Roy,	[1286]	Goodchild, M. F.,	[146]
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Galletly, J. E.,	[1605, 1716]	Gerlach, W.,	[174]	Gordon, Diana F.,	[1730]
Gallieni, Daniele,	[86]	Germay, Noël,	[683]	Gordon, Michael,	[354, 1653]
Galt, S.,	[927]	Gero, John S.,	[182, 1789, 1792, 422]	Gordon, Vahl Scott,	[360]
Gammack, John G.,	[866]	Gerstoft, Peter,	[1652]	Gorez, R.,	[1757]
Gandham, Ravi V.,	[1345, 1207]	Gerstoft, P.,	[1651, 1423]	Gorges-Schleuter, Martina,	[1952, 1953]
		Gerth, R.,	[445]	Gorti, Sreenivasa Rao,	[183]
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Goto, Y.,	[2272]	Gulyaev, Alexander P.,	[1616]	Hall, J. D.,	[1487, 530]
Gottvald, A.,	[1111, 1112, 1113]	Günter, Peter,	[1550]	Hall, L. D.,	[1770, 1771]
Goulter, I. C.,	[1562]	Guoliang, Wang,	[2038]	Halper, Christian,	[1088]
Gouws, Francois S.,	[1251]	Gupta, A. K.,	[950]	Hamada, Kazuro,	[975]
Gowda, K. Chidananda,	[2099]	Gupta, J. N. D.,	[783]	Hamada, Nozomu,	[1219, 1220]
Graf, J.,	[175]	Gupta, Jatinder N. D.,	[771, 756]	Hämäläinen, Timo,	[1647]
Grand, Scott M. Le,	[1821, 2064]	Gupta, Mahesh C.,	[784]	Hamamoto, Y.,	[2356, 2281]
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Grant, Keith,	[304]	Gupta, S. S.,	[1507]	Hamer, R. D.,	[236]
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Gray, G. J.,	[714]	Gupta, Yash P.,	[564, 571, 1176, 510, 784]	Han, Chi-Geun,	[1466]
Gray, Gary J.,	[1353]	Gupta, Y.,	[1328]	Han, Myung-Mook,	[1223]
Graziani, S.,	[2361]	Gürdal, Zafer,	[2169, 92]	Han, Seong-Ho,	[2302]
Greenberg, Harvey J.,	[782]	Gurdal, Z.,	[470]	Han, Seung-Kee,	[1475]
Greene, David Perry,	[1735]	Gutierrez, D.,	[1383]	Han, Zhenxiang,	[666]
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Greenwood, Adam,	[1808]	Haataja, Juha,	[619, 10, 2178, 2179, 2180]	Hanaki, Y.,	[2372]
Grefenstette, John J.,	[1201, 1736, 1737, 1738, 989, 990, 1739]	Hachino, T.,	[2289, 2270, 934, 664]	Hanaki, Yoshimaro,	[2117]
Gregory, B. A.,	[2331]	Hadi, Mohammed A.,	[2384]	Hanawa, Yoji,	[96]
Grierson, D. E.,	[2173]	Hadj-Alouane, Atidel Ben,	[1924]	Hancock, Edwin R.,	[1968]
Griffiths, S.,	[236]	Haftka, Raphael T.,	[2169, 92, 93]	Handa, K.,	[2260]
Gritz, Larry,	[1686]	Haftka, R.T.,	[744, 470]	Handschin, E.,	[944]
Groot, Claas de,	[917, 1935]	Haggerty, Michael,	[967]	Hanebeck, Uwe D.,	[877, 874]
Gross, E. K. U.,	[1632, 2024, 2017]	Hagino, T.,	[2277]	Hansen, Colin H.,	[1911]
Gruau, Frédéric C.,	[32, 820]	Hagiwara, M.,	[2271]	Hansen, J. V.,	[630]
Grundy, W. N.,	[807]	Hahn, James K.,	[1686]	Hansen, N.,	[794]
Gu, D.-W.,	[1087]	Hahn, Mathew,	[1611]	Hansen, Nikolaus,	[788]
Guak, Kyuh-Wan,	[2301, 2303]	Hahn, Song-Yop,	[1092, 1020, 1105, 1108, 2305]	Hanyu, I.,	[1689]
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Guan, Shanguchuan,	[377]	Haidar, A. D.,	[1335]	Happel, Bart L. M.,	[1844]
Guanzhong, Dai,	[607]	Haigh, Karen,	[1205]	Hara, F.,	[1634]
Gucht, Dirk Van,	[2124]	Haimes, Yacov Y.,	[2085]	Harada, Hironobu,	[661]
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Guillot, Agnès,	[1926]	Haken, Lippold,	[1531, 488]	Harris, J.,	[1815]
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Hartmann, G.,	[1494]	Heiss, Michael,	[1088]	Hirota, Y.,	[1909]
Haruki, T.,	[1689]	Helget, Andreas,	[2140]	Hirsh, Joel,	[83]
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Hasegawa, Mitsuhiko,	[1900]	Herrera, Francisco,	[884, 1767,	Hoffmann, Karl Heinz,	[917, 1935]
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Hatayama, K.,	[2249]	Heuvel, H. M.,	[122, 326]	Holliday, D. J.,	[1959]
Hatcher, W. J.,	[743]	Hewahi, N. M.,	[1313]	Holmes, Dawn J.,	[1280]
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He, Q.,	[1002]	Hinchman, J.,	[2052]	Hong, Young Sik,	[1477, 1479]
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Heidari, M.,	[2404]	Hirahara, A.,	[2366]	Horn, Jeffrey,	[791, 375]
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Hoshino, T.,	[1597]	Huntley, Christopher L.,	[576, 583]	Inaba, M.,	[1701]
Hosokawa, S.,	[2323]	Huppe, B. S.,	[2343]	Inagaki, Yashio,	[1229]
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Houck, C. R.,	[546]	Husbands, Phil,	[925]	Inatsu, K.,	[1434]
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Hraber, Peter T.,	[2006]	Hwang, Hee-Soo,	[2297, 2306]	Inoue, Katsumi,	[1901, 1904]
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Hsu, Y. C.,	[1050]	Hyvönen, Eero,	[2414]	Inoue,	[2313]
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Hu, Jinglu,	[2377]	Iba, H.,	[1658, 2194]	Irving, M. R.,	[959, 1299]
Hu, Yu Hen,	[1012]	Iba, Hitoshi,	[1594]	Ishibuchi, Hisao,	[868, 2314, 1069, 514, 1074, 528, 2280, 2317]
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Huang, Ching-Lien,	[1159, 1161, 942, 1028, 2042, 670, 2041, 1166, 1170]	Ibaraki, T.,	[2346]	Ishida, Ryohei,	[88]
Huang, Ch.-L.,	[669]	Ibaraki, Toshihide,	[758]	Ishida, Ryohei,	[99]
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Huihe, Shao,	[612, 1504]	Ikegami, T.,	[2004]	Ito, Akira,	[1818]
		Ikesugi, E.,	[2376]	Itoh, H.,	[2334, 447]

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Kandel, Abraham,	[1181, 1280]	Kawamoto, Y.,	[2254]	Kim, Gil-Sang,	[2297]
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Katagiri, Tadahiro,	[1894, 1902]	Kettunen, Arto,	[27]	Kim, Yei Chang,	[1479]
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Kitajima, H.,	[1221, 684]	Konagaya, Akihiko,	[1862, 1596]	Kubota, Naoyuki,	[1889, 526]
Kitamura, Y.,	[1223]	Kopfer, Herbert,	[1939, 2412]	Kubota, N.,	[2090, 160]
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Kitayama, M.,	[2267]	Koralewski, Hans-Eberhard,	[208, 1042]	Kühn, W.,	[2091]
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Kobayashi, N.,	[2357, 2186]	Koza, John R.,	[2161, 35]	Kuncheva, Ludmila I.,	[1977, 1969]
Kobayashi, Shigenobu,	[1598]	Kozek, Tibor,	[1044]	Kuncheva, Ludmila,	[1276]
Kobayashi, S.,	[1459, 1222, 1465]	Koziel, S.,	[1714]	Kundu, Malay K.,	[1973]
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Köhler, H. M.,	[1631]	KrishnaKumar, K.,	[1583]	Kuosmanen, Pauli,	[1574]
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Kuzmicz, W.,	[1685]	Lazio, T. J. W.,	[1784]	Lee, Yong Hoon,	[1030]
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Murthy, C. Siva Ram,	[1976]	Nakajima, M.,	[2284]	Ngo, J. Thomas,	[821]
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Notations

†(ref) = the bibliography item does not belong to my collection of genetic papers.
 (ref) = citation source code. ACM = ACM Guide to Computing Literature, EEA = Electrical & Electronics Abstracts, BA = Biological Abstracts, CCA = Computers & Control Abstracts, CTI = Current Technology Index, EI = The Engineering Index (A = Annual, M = Monthly), DAI = Dissertation Abstracts International, P = Index to Scientific & Technical Proceedings, BackBib = Thomas Bäck's unpublished bibliography, Fogel/Bib = David Fogel's EA bibliography, etc
 * = only abstract seen.
 ? = data of this field is missing (BiBTeX-format).

The last field in each reference item in **Teletype** font is the BiBTeXkey of the corresponding reference.



Appendix A

bbreviations

The following other abbreviations were used to compress the titles of articles in the permutation title index:

AI	= Artificial Intelligence	Int.	= International
Alg.	= Algorithm(s)	ImPr	= Image Processing
AL	= Artificial Life	JSS	= Job Shop Scheduling
ANN(s)	= Artificial Neural Net(work)(s)	ML	= Machine Learning
Appl.	= Application(s), Applied	Nat.	= Natural
Appr.	= Approach(es)	NN(s)	= Neural Net(work)(s)
Cntr.	= Control, Controlled, = Controlling, Controller(s)	Opt.	= Optimization, Optimal, = Optimizer(s), Optimierung
Coll.	= Colloquium	OR	= Operation(s) Research
Comb.	= Combinatorial	Par.	= Parallel, Parallelism
Conf.	= Conference	Perf.	= Performance
CS(s)	= Classifier System(s)	Pop.	= Population(s), Populational(ly)
Distr.	= Distributed	Proc.	= Proceedings
Eng.	= Engineering	Prog.	= Programming, Program(s), Programmed
EP	= Evolutionary Programming	Prob.	= Problem(s)
ES	= Evolutionsstrategie(n), = Evolution(ary) strategies	QAP	= Quadratic Assignment Problem
Evol.	= Evolution, Evolutionary	Rep.	= Representation(s), Representational(ly)
ExS(s)	= Expert System(s)	SA	= Simulated Annealing
FF(s)	= Fitness Function(s)	Sch.	= Scheduling, Schedule(s)
GA(s)	= Genetic Algorithm(s)	Sel.	= Selection, Selectionism
Gen.	= Genetic(s), Genetical(ly)	Symp.	= Symposium
GP	= Genetic Programming	Syst.	= System(s)
Ident.	= Identification	Tech.	= Technical, Technology
Impl.	= Implementation(s)	TSP	= Travel(l)ing Salesman Problem

Appendix B

Bibliography entry formats

footnotesize This documentation was prepared with L^AT_EX and reproduced from camera-ready copy supplied by the editor. The ones who are familiar with B^IB^TE^X may have noticed that the references are printed using `abbrv` bibliography style and have no difficulties in interpreting the entries. For those not so familiar with B^IB^TE^X are given the following formats of the most common entry types. The optional fields are enclosed by "[]" in the format description. Unknown fields are shown by "?". † after the entry means that neither the article nor the abstract of the article was available for reviewing and so the reference entry and/or its indexing may be more or less incomplete.

Book: Author(s), *Title*, Publisher, Publisher's address, year.

Example

John H. Holland. *Adaptation in Natural and Artificial Systems*. The University of Michigan Press, Ann Arbor, 1975.

Journal article: Author(s), Title, *Journal*, volume(number): first page – last page, [month,] year.

Example

David E. Goldberg. Computer-aided gas pipeline operation using genetic algorithms and rule learning. Part I: Genetic algorithms in pipeline optimization. *Engineering with Computers*, 3(?):35–45, 1987.
†.

Note: the number of the journal unknown, the article has not been seen.

Proceedings article: Author(s), Title, editor(s) of the proceedings, *Title of Proceedings*, [volume,] pages, location of the conference, date of the conference, publisher of the proceedings, publisher's address.

Example

John R. Koza. Hierarchical genetic algorithms operating on populations of computer programs. In N. S. Sridharan, editor, *Eleventh International Joint Conference on Artificial Intelligence (IJCAI-89)*, pages 768–774, Detroit, MI, 20.-25. August 1989. Morgan Kaufmann, Palo Alto, CA. †.

Technical report: Author(s), Title, type and number, institute, year.

Example

Thomas Bäck, Frank Hoffmeister, and Hans-Paul Schwefel. Applications of evolutionary algorithms. Technical Report SYS-2/92, University of Dortmund, Department of Computer Science, 1992.