Genetic Algorithms Publications: FTP Site Availability

Edinburgh Parallel Computing Centre

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The following list shows the availablility of genetic algorithms related papers in compressed PostScript form through anonymous ftp at ftp.epcc.ed.ac.uk [129.215.56.29]. The bibliographic details of the papers are given overleaf.

[1]	(paper only)	[2]	(unavailable)
[3]	`pub/tr/90/tr9003.ps.Z`	[4]	`pub/tr/91/tr9102.ps.Z`
[5]	(paper only)	[6]	`pub/tr/91/tr9121.ps.Z`
[7]	`pub/tr/91/tr9129.ps.Z`	[8]	`pub/tr/92/tr9204.ps.Z`
[9]	`pub/tr/92/tr9211.ps.Z`	[10]	`pub/ss/92/ss9224.ps.Z`
[11]	`pub/personal/njr/gaapps.ps`	[12]	`pub/tr/93/tr9301.ps.Z`
[13]	`pub/rpl2/userguide.ps.Z`	[14]	`pub/rpl2/progguide.ps.Z`
[15]	(available from DCS)	[16]	`pub/tr/94/tr9405.ps.Z`
[17]	(in preparation)	[18]	`pub/tr/94/tr9409.ps.Z`
[19]	`pub/tr/94/tr9410.ps.Z`	[20]	`pub/tr/94/tr9411.ps.Z`
[21]	`pub/tr/94/tr9415.ps.Z`	[22]	`pub/tr/94/tr9417.ps.Z`

The following sample session shows the use of the ftp site.

```
Script started on Thu Jul 29 21:00:44 1993
ftp % ftp ftp.epcc.ed.ac.uk
Connected to crystal.epcc.ed.ac.uk.
220- Hello njr at ebony.epcc.ed.ac.uk
220  NOTICE: all transactions are logged
Name (ftp.epcc.ed.ac.uk:njr): anonymous
331 Guest login ok, send mail address (name@your.site) as password.
Password:
230 Guest login ok, access restrictions apply.
ftp> binary
200 Type set to I.
ftp> cd pub/tr/92
250 CWD command successful.
ftp> get tr9211.ps.Z
200 PORT command successful.
150 Opening BINARY mode data connection for /home/ftp/pub/tr/92/tr9211.ps.Z (112035 bytes).
226 Transfer complete.
local: tr9211.ps.Z remote: tr9211.ps.Z
112035 bytes received in 0.2 seconds (5.5e+02 Kbytes/s)
ftp> ^D Goodbye.
% uncompress tr9211.ps
```

[1] Nicholas J. Radcliffe. *Genetic Neural Networks on MIMD Computers*. PhD thesis, University of Edinburgh, 1990.

[2] Nicholas J Radcliffe and Gregory V Wilson. Natural solutions give their best. *New Scientist*, 1712:47–50, April 1990.

[3] Nicholas J. Radcliffe. Equivalence class analysis of genetic algorithms. *Complex Systems*, 5(2):183–205, 1991.

[4] Nicholas J. Radcliffe. Forma analysis and random respectful recombination. In *Proceedings of the Fourth International Conference on Genetic Algorithms*, pages 222–229. Morgan Kaufmann (San Mateo), 1991.

[5] Claudio V. Russo. A general framework for implementing genetic algorithms. Technical Report EPCC–SS91–17, Edinburgh Parallel Computing Centre, University of Edinburgh, 1991.

[6] Nicholas J. Radcliffe. Genetic set recombination and its application to neural network topology optimisation. *Neural Computing and Applications*, 1(1):67–90, 1993.

[7] Nicholas J. Radcliffe. Genetic set recombination. In Darrell Whitley, editor, *Foundations of Genetic Algorithms 2*. Morgan Kaufmann (San Mateo, CA), 1992.

[8] Nicholas J. Radcliffe. Non-linear genetic representations. In R. Männer and B. Manderick, editors, *Parallel Problem Solving from Nature 2*, pages 259–268. Elsevier Science Publishers/North Holland (Amsterdam), 1992.

[9] Nicholas J. Radcliffe. The algebra of genetic algorithms. *To appear in Annals of Maths and Artificial Intelligence*, 1994.

[10] Jonathan Shapcott. Genetic algorithms for investment portfolio selection. Technical Report EPCC–SS92–24, Edinburgh Parallel Computing Centre, University of Edinburgh, 1992.

[11] Nicholas J. Radcliffe. Applications of genetic algorithms. Technical report, Edinburgh Parallel Computing Centre, University of Edinburgh, 1993.

[12] Nicholas J. Radcliffe and Felicity A. W. George. A study in set recombination. In Stephanie Forrest, editor, *Proceedings of the Fifth International Conference on Genetic Algorithms*. Morgan Kaufmann (San Mateo, CA), 1993.

[13] P. D. Surry. RPL2 user guide. Technical Report EPCC-BG-PAP-RPL2-UG, Edinburgh Parallel Computing Centre, November 1993.

[14] P. D. Surry. RPL2 programmer's guide. Technical Report EPCC-BG-PAP-RPL2-PG, Edinburgh Parallel Computing Centre, November 1993.

[15] Steven Good. Applying a genetic algorithm to a high frequency detector location problem. Technical Report (final year), Department of Computer Science, University of Edinburgh, 1993.

[16] Felicity A. W. George. Using genetic algorithms to optimise the configuration of networks of car dealerships. Technical Report EPCC-TR94-05, Edinburgh Parallel Computing Centre, 1994.

[17] Nicholas J. Radcliffe and Patrick D. Surry. Data mining with hierarchical genetic algorithms. In *In preparation*, 1994.

[18] Nicholas J. Radcliffe and Patrick D. Surry. Co-operation through hierarchical competition in genetic data mining. In *Submitted to Parallel Problem Solving from Nature III*, 1994.

[19] Patrick D. Surry and Nicholas J. Radcliffe. RPL2: A language and parallel framework for evolutionary computing. In *Submitted to Parallel Problem Solving from Nature III*, 1994.

[20] Ian D. Boyd, Patrick D. Surry, and Nicholas J. Radcliffe. Constrained gas network pipe sizing with genetic algorithms. In *Submitted to Parallel Problem Solving from Nature III*, 1994.

[21] Nicholas J. Radcliffe and Patrick D. Surry. Formal memetic algorithms. In *To appear in AISB94*, 1994.

[22] Nicholas J. Radcliffe. Fitness variance of formae and performance prediction. Technical report, submitted to Foundations of Genetic Algorithms, 1994.