

PUBLICACIONES

2011 libros escritos

AUTORES:	G. Luque, E. Alba
TÍTULO:	Parallel Genetic Algorithms. Theory and Real World Applications
PUBLICACIÓN:	Studies in computational intelligence 367, Springer-Verlag, 2011
REVISTA/LIBRO:	ISBN: 978-3-642-22083-8

2011 revistas de impacto (JCR-ISI)

AUTORES:	Ricardo Aler, Alicia Vega, Inés M. Galván, Antonio J. Nebro
TÍTULO:	Multi-objective metaheuristics for preprocessing EEG data in brain-computer interfaces
PUBLICACIÓN:	<i>Engineering Optimization</i> , 44(3): 373-390, 2012 JCR impact f. = 0.902, pos 35/87 in ENG-MUL (Q2)
REVISTA/LIBRO:	ISSN 0305-215X
AUTORES:	B. Dorronsoro, G. Danoy, A.J. Nebro, P. Bouvry
TÍTULO:	Achieving super-linear performance in parallel multi-objective evolutionary algorithms by means of cooperative coevolution
PUBLICACIÓN:	Computers & Operations Research, In Press, 2011 JCR impact factor = 1.769 pos 6/38 in ENG-IND (Q1)
REVISTA/LIBRO:	ISSN 0305-0548
AUTORES:	J.J. Durillo, A.J. Nebro
TÍTULO:	jMetal: A Framework for Multi-Objective Optimization
PUBLICACIÓN:	<i>Avances in Engineering Software</i> , 42:760-771, 2011 JCR impact factor = 1.004 pos 50/99 in CS-SE (Q3)
REVISTA/LIBRO:	ISSN 0965-9978
AUTORES:	F. Chicano, D. Whitley, E. Alba, F. Luna
TÍTULO:	Elementary Landscape Decomposition of the Frequency Assignment Problem
PUBLICACIÓN:	<i>Theoretical Computer Science</i> , 412(43):6002-6019, 2011 JCR impact factor = 0.838 pos 58/97 in CS-TM (Q3)
REVISTA/LIBRO:	ISSN 0304-3975
AUTORES:	F. Chicano, L. D. Whitley, E. Alba
TÍTULO:	A Methodology to Find the Elementary Landscape Decomposition of Combinatorial Optimization Problems
PUBLICACIÓN:	<i>MIT Evolutionary Computation Journal</i> , 19(4): 597-637, 2011 JCR impact factor = 2.652 position 16/108 (Q1) in CS-AI and 7/97 in CS-TM (Q1)
REVISTA/LIBRO:	ISSN 1063-6560
AUTORES:	F. Chicano, G. Luque, E. Alba
TÍTULO:	Autocorrelation Measures for the Quadratic Assignment Problem
PUBLICACIÓN:	<i>Applied Mathematics Letters</i> , 25(4):698-705, 2012 JCR impact factor = 1.115 position 63/263 (Q2)
REVISTA/LIBRO:	ISSN 0893-9659
AUTORES:	F. Chicano, E. Alba
TÍTULO:	Elementary Landscape Decomposition of the 0-1 Unconstrained Quadratic Optimization
PUBLICACIÓN:	<i>Journal of Heuristics</i> (to appear) JCR impact factor = 1.623 position 41/108 in CS-AI (Q2) and 23/97 in CS-TM (Q1)
REVISTA/LIBRO:	ISSN 1381-1231 DOI: http://dx.doi.org/10.1007/s10732-011-9170-6
AUTORES:	J. J. Durillo, Y. Zhang, E. Alba, M. Harman, A. J. Nebro
TÍTULO:	A Study of the Bi-Objective Next Release Problem
PUBLICACIÓN:	<i>Empirical Software Engineering</i> , 16(1): 29-60, 2011 JCR impact factor = 1.796, position 15/99 in CS-SI (Q1)
REVISTA/LIBRO:	ISSN 1382-3256
AUTORES:	J. Ferrer, F. Chicano, E. Alba
TÍTULO:	Evolutionary Algorithms for the Multi-Objective Test Data Generation Problem
PUBLICACIÓN:	<i>Software: Practice & Experience</i> , In Press, 2011 JCR impact factor = 0.573 position 84/99 in CS-SE (Q4)
REVISTA/LIBRO:	ISSN 0038-0644 DOI: http://dx.doi.org/10.1002/spe.1135
AUTORES:	J. García-Nieto, E. Alba, A. C. Olivera
TÍTULO:	Swarm intelligence for traffic light scheduling: Application to real urban areas
PUBLICACIÓN:	<i>Engineering Applications of Artificial Intelligence</i> , 25(2):274-283, 2012 JCR impact f. = 1.352 pos 21/87 in E-M (Q1)
REVISTA/LIBRO:	ISSN 0952-1976

AUTORES:	J. García-Nieto, E. Alba,
TÍTULO:	Parallel Multi-Swarm Optimizer for Gene Selection in DNA Microarrays
PUBLICACIÓN:	<i>Applied Intelligence</i> , In Press, 2011 JCR impact f. = 0.893 pos 75/108 in CS-AI (Q3)
REVISTA/LIBRO:	ISSN 0924-669X
AUTORES:	J. García-Nieto, E. Alba,
TÍTULO:	Restart Particle Swarm Optimization with Velocity Modulation:A Scalability Test
PUBLICACIÓN:	<i>Soft Computing</i> , 15(11):2221-2232, 2011 JCR impact f. = 1.512 pos 47/108 in CS-AI (Q2)
REVISTA/LIBRO:	ISSN 1432-7643
AUTORES:	J. Toutouh, J. García-Nieto, E. Alba,
TÍTULO:	Intelligent OLSR Routing Protocol Optimization for VANETs
PUBLICACIÓN:	<i>IEEE Transactions on Vehicular Technology</i> , 60(4):1884-1894, 2012 JCR impact f. = 1.490 pos 18/80 in T (Q1)
REVISTA/LIBRO:	ISSN 0018-9545
AUTORES:	M.R. Khouadjia, B. Sarasola, E. Alba, L. Jourdan, E-G. Talbi
TÍTULO:	A comparative study between dynamic adapted PSO and VNS for the Vehicle Routing Problem with Dynamic Requests
PUBLICACIÓN:	<i>Applied Soft Computing</i> , 12(4): 1426-1439, 2012 JCR impact f. = 2.097, pos 19/97 in CS-IA (Q1)
REVISTA/LIBRO:	ISSN: 1568-4946 DOI: 10.1016/j.asoc.2011.10.023
AUTORES:	G. Molina, E. Alba
TÍTULO:	Location Discovery in Wireless Sensor Networks Using Metaheuristics
PUBLICACIÓN:	<i>Applied Soft Computing</i> , 11(1): 1223-1240, 2011 JCR impact f. = 2.097, pos. 19/97 in CS-IA (Q1)
REVISTA/LIBRO:	ISSN 1568-4946
AUTORES:	G. Molina, F. Luna, A. J. Nebro, E. Alba
TÍTULO:	An efficient local improvement operator for the multi-objective wireless sensor network deployment problem
PUBLICACIÓN:	<i>Engineering Optimization</i> , 43(10):1115-1139, 2011 JCR impact f. = 0.902, pos 35/87 in ENG-MUL (Q2)
REVISTA/LIBRO:	ISSN 0305-215X
AUTORES:	F. Luna, C. Estébanez, C. León, J. M. Chávez González, A. J. Nebro, R. Aler, C. Segura, M. A. Vega Rodríguez, E. Alba, J. M. Valls, G. Miranda, J. A. Gómez Pulido
TÍTULO:	Optimization Algorithms for Large-Scale Real-World Instances of the Frequency Assignment Problem
PUBLICACIÓN:	<i>Soft Computing</i> , 15(5): 975-990, 2011 JCR impact f. = 1.512, pos 47/108 in CS-AI (Q2)
REVISTA/LIBRO:	ISSN 1432-7643

2011 revistas internacionales (No indexadas JCR-ISI)

AUTORES:	F. Luna, F. Chicano, E. Alba
TÍTULO:	Robust solutions for the Software Project Scheduling problem: a preliminary analysis
PUBLICACIÓN:	<i>International Journal of Metaheuristics</i> , In Press, 2011
REVISTA/LIBRO:	ISSN 1755-2176
AUTORES:	E.-G. Talbi, M. Basseur, A. J. Nebro, E. Alba
TÍTULO:	Multi-objective Optimization Using Metaheuristics: Non-standard Algorithms
PUBLICACIÓN:	<i>International Transactions in Operational Research</i> , Volume 19, Issue 1-2, pp. 283–305,2012
REVISTA/LIBRO:	ISSN 1475-3995

2011 capítulos de libro

AUTORES:	B. Dorronsoro, G. Danoy, P. Bouvry, A.J. Nebro
TÍTULO:	Multi-Objective Cooperative Coevolutionary Evolutionary Algorithms for Continuous and Combinatorial Optimization
PUBLICACIÓN:	Intelligent Decision Systems in Large-Scale Distributed Environments. Springer 2011
REVISTA/LIBRO:	ISBN 978-3-642-21270-3

COMUNICACIONES A CONGRESOS

AUTORES:	F. Chicano, J. Ferrer, E. Alba
TÍTULO:	Elementary Landscape Decomposition of the Test Suite Minimization Problem
PUBLICACIÓN:	Symposium on Search Based Software Engineering (SSBSE), Szeged, Hungría, 2011 LNCS 6956, pp. 48-63
REVISTA/LIBRO:	ISBN: 978-3-642-23715-7
AUTORES:	F. Chicano, M. Ferreira, E. Alba
TÍTULO:	Comparing Metaheuristic Algorithms for Error Detection in Java Programs
PUBLICACIÓN:	Symposium on Search Based Software Engineering (SSBSE), Szeged, Hungría, 2011 LNCS 6956, pp. 82-96
REVISTA/LIBRO:	ISBN 978-3-642-23715-7
AUTORES:	F. Chicano, E. Alba
TÍTULO:	Exact Computation of the Expectation Curves of the Bit-Flip Mutation using Landscapes Theory
PUBLICACIÓN:	Genetic and Evolutionary Computation Conference (GECCO 2011), pp. 2027-2034, 2011
REVISTA/LIBRO:	ISBN 978-1-4503-0557-0
AUTORES:	F. Chicano, F. Luna, A. J. Nebro, E. Alba
TÍTULO:	Using Multi-objective Metaheuristics to Solve the Software Project Scheduling Problem
PUBLICACIÓN:	Genetic and Evolutionary Computation Conference (GECCO 2011), pp. 1915-1922, 2011
REVISTA/LIBRO:	ISBN 978-1-4503-0557-0
AUTORES:	J. J. Durillo, Q. Zhang, A. J. Nebro, E. Alba
TÍTULO:	Distribution of Computational Effort in Parallel MOEA/D
PUBLICACIÓN:	LNCS, Learning and Intelligent Optimization (LION 05), Rome, Italy, pp: 488-502, 2011
AUTORES:	J. Ferrer, F. Chicano, E. Alba
TÍTULO:	Benchmark Generator for Software Testers
PUBLICACIÓN:	International Conference EANN 2011, pp. 378-388, Corfu, Greece, 2011
REVISTA/LIBRO:	ISBN 978-3-642-23959-5
AUTORES:	J. García-Nieto, E. Alba
TÍTULO:	Empirical Computation of the Quasi-optimal Number of Informants in Particle Swarm Optimization
PUBLICACIÓN:	In ACM Proceedings of the 13th annual Conference on Genetic and Evolutionary Computation (GECCO '11), pp. 147-154, Dublin, Ireland, 2011
REVISTA/LIBRO:	ISBN: 978-1-4503-0557-0, DOI=10.1145/2001576.2001597
AUTORES:	J. García-Nieto, A. C. Olivera, E. Alba
TÍTULO:	Enhancing the Urban Road Traffic with Swarm Intelligence: A Case Study of Cordoba City Downtown
PUBLICACIÓN:	11th Int. Conf. on Intelligent System Design and Applications (ISDA 2011), pp. 368-373, Córdoba, 2011
REVISTA/LIBRO:	ISBN 978-1-4577-1675-1
AUTORES:	M.R. Khouadjia, B. Sarasola, E. Alba, L. Jourdan, and E-G. Talbi
TÍTULO:	Multi-Environmental Cooperative Parallel Metaheuristics for Solving Dynamic Optimization Problems
PUBLICACIÓN:	In Proceedings of the 2011 IEEE International Symposium on Parallel and Distributed Processing Workshops and PhD Forum, pp. 395-403, 2011
REVISTA/LIBRO:	ISBN: 978-0-7695-4577-6, DOI: 10.1109/IPDPS.2011.172
AUTORES:	F. Luna, D. L. González-Álvarez, F. Chicano, M.A.Vega Rodríguez
TÍTULO:	On the Scalability of Multi-Objective Metaheuristics for the Software Scheduling Problem
PUBLICACIÓN:	11th Int. Conf. on Intelligent System Design and Applications (ISDA 2011), pp. 1110-1115, 2011
REVISTA/LIBRO:	978-1-4577-1675-1
AUTORES:	G. Luque, F. Luna, E. Alba, S. Nesmachnow
TÍTULO:	Exploring the accuracy of a parallel cooperative model for trajectory-based metaheuristics
PUBLICACIÓN:	13th International Conference on Computer Aided Systems Theory LNCS (EUROCAST 2011), 2011 pp-272-273, 2011
REVISTA/LIBRO:	
AUTORES:	S. Nesmachnow, F. Luna, E. Alba
TÍTULO:	Time Analysis of Standard Evolutionary Algorithms as Software Programs
PUBLICACIÓN:	11th Int. Conf. on Intelligent System Design and Applications (ISDA 2011), pp. 271-276, Córdoba, 2011
REVISTA/LIBRO:	978-1-4577-1675-1
AUTORES:	A. García, G. Luque, E. Alba
TÍTULO:	Influence of Parallel Metrics in the Analysis of Parallel Metaheuristic Algorithms
PUBLICACIÓN:	11th Int. Conf. on Intelligent System Design and Applications (ISDA 2011), pp.748-753, Córdoba, 2011

REVISTA/LIBRO:	ISBN: 978-1-4577-1675-1
AUTORES:	K. Osorio, G. Luque, E. Alba
TÍTULO:	Distributed Evolutionary Algorithms With Adaptive Migration Period
PUBLICACIÓN:	11th Int. Conf. on Intelligent System Design and Applications (ISDA 2011), pp.259-264, Córdoba, 2011
REVISTA/LIBRO:	ISBN: 978-1-4577-1675-1
AUTORES:	M. Pedemonte, E. Alba, F. Luna
TÍTULO:	Bitwise Operations for GPU implementation of Genetic Algorithms
PUBLICACIÓN:	Genetic and Evolutionary Computation Conference (GECCO 2011), Companion, CIGPU Workshop, pp. 439-446, 2011
REVISTA/LIBRO:	ISBN 978-1-4503-0690-4
AUTORES:	C. Salto, E. Alba, F. Luna
TÍTULO:	Using Landscape Measures for the Online Tuning of Heterogeneous Distributed GAs
PUBLICACIÓN:	Genetic and Evolutionary Computation Conference (GECCO 2011), Companion, SBLPA Workshop, pp. 691-694, 2011.
REVISTA/LIBRO:	ISBN 978-1-4503-0690-4
AUTORES:	B. Sarasola, M.R. Khouadjia, E. Alba, L. Jourdan, and E.G. Talbi
TÍTULO:	Flexible Variable Neighborhood Search in Dynamic Vehicle Routing
PUBLICACIÓN:	In LNCS Vol. 6624/2011. Proceedings of the 2011 international conference on Applications of evolutionary computation - Volume Part I, pp. 344-353, 2011
REVISTA/LIBRO:	ISBN: 978-3-642-20524-8, DOI: 10.1007/978-3-642-20525-5_35
AUTORES:	J. Toutouh, E. Alba
TÍTULO:	Optimizing OLSR in VANETS with Differential Evolution: A Comprehensive Study
PUBLICACIÓN:	In First ACM International Symposium on Design and Analysis of Intelligent Vehicular Networks and Applications (DIVANet'11), November, 2011, Miami, Florida, USA
REVISTA/LIBRO:	DOI=10.1145/2069000.2069002
AUTORES:	J. Toutouh, E. Alba
TÍTULO:	An Efficient Routing Protocol for Green Communications in Vehicular Ad-hoc Networks
PUBLICACIÓN:	In Proceedings of the 13th annual conference companion on Genetic and evolutionary computation (GECCO '11), Natalio Krasnogor (Ed.). ACM, New York, NY, USA, 719-726
REVISTA/LIBRO:	ISBN: 978-1-4503-0690-4, DOI=10.1145/2001858.2002076
AUTORES:	J. Toutouh, E. Alba
TÍTULO:	Performance Analysis of Optimized VANET Protocols in Real World Tests
PUBLICACIÓN:	In Wireless Communications and Mobile Computing 2011 (IWCMC2011), July, 2011, Istanbul (Turkey)
REVISTA/LIBRO:	ISBN: 978-1-4503-0904-2, DOI=10.1109/IWCMC.2011.5982718