

Giovanni Capobianco

Pubblicazioni

G. Capobianco, U. Di Giacomo, F. Mercaldo, V. Nardone, A. Santone. Wearable Devices for Human Activity Recognition and User Detection. Proceeding of 27th Euromicro International Parallel, Distributed, and Network-Based, PDP 2019, February 13-15, Pavia, Italy.

G. Capobianco, U. Di Giacomo, F. Mercaldo, V. Nardone, A. Santone. Can Machine Learning Predict Soccer Match Results? Proceedings of 11th International Conference on Agents and Artificial Intelligence, ICAART 2019, February 19-21, Prague – Czech Republic

G. Capobianco, U. Di Giacomo, F. Mercaldo, A. Santone. Dunuen: A User-Friendly Formal Verification Tool. 23rd International Conference on Knowledge-Based and Intelligent Information & Engineering Systems, KES 2019.

Di Placido, Andrea & Russo, Davide & Capobianco, G & Cerrone, Carmine. Close-Enough Generalized Routing Problem., ICCL 2018

G. Capobianco, U. Di Giacomo, F. Mercaldo, A. Santone. A Methodology for Notational Analysis and Real-Time Decision Support in Sport Environment. Proceedings of IEEE BigData 2018, December, 10 – 13, Seattle, WA, USA.

Capobianco, Giovanni; Enea, Maria Rosaria; Ferraro, Giovanni (2017) Geometry and analysis in Euler's integral calculus. DOI:10.1007/s00407-016-0179-y. In ARCHIVE FOR HISTORY OF EXACT SCIENCES - ISSN:0003-9519

Capobianco, Giovanni; Cerrone, Carmine; Cerulli, Raffaele; Felici, Giovanni (2017) Optimal Paths for Dual Propulsion Vehicles on Real Street Network Graphs. DOI:10.1007/978-3-319-67308-0_52. pp.517-527. In Springer Proceedings in Mathematics and Statistics - ISBN:9783319673073 vol. 217

Capobianco, Giovanni; Conte, Dajana; Paternoster, Beatrice. (2017) Construction and implementation of two-step continuous methods for Volterra integral equations. DOI:10.1016/j.apnum.2017.02.008. In APPLIED NUMERICAL MATHEMATICS - ISSN:0168-9274

Pagliarella, Mc; Sallustio, L.; Capobianco, G.; Conte, E.; Corona, P.; Fattorini, L.; Marchetti, M. (2016) From one- to two-phase sampling to reduce costs of remote sensing-based estimation of land-cover and land-use proportions and their changes. DOI:10.1016/j.rse.2016.07.027. pp.410-417. In REMOTE SENSING OF ENVIRONMENT - ISSN:0034-4257 vol. 184

Capobianco Giovanni; Ferraro Giovanni; Enea Maria Rosaria. (2016) Geometry and analysis in Euler's integral calculus. Archive for History of Exact Sciences, p. 1-38, ISSN: 1432-0657, doi: 10.1007/s00407-016-0179-y

Bucci Antonio, Allocca Vincenzo, Naclerio Gino, Capobianco Giovanni, Divino Fabio, Fiorillo Francesco, Celico Fulvio (2015). Winter survival of microbial contaminants in soil: An in situ verification. JOURNAL OF ENVIRONMENTAL SCIENCES, vol. 27, p. 131-138, ISSN: 1001-0742, doi: doi:10.1016/j.jes.2014.07.021

Capobianco, Giovanni; Conte, Dajana; Paternoster, Beatrice(2015). On two-step continuous methods for Volterra Integral Equations. In: International Conference New trends in Numerical Analysis, Theory, Methods, Algorithms and Applications Falerna (CZ), Italy 18-21 Giugno 2015 Cosenza Pellegrini Editore Pag.49-50.

G. Capobianco, A. De Lucia, OLIVETO R, A. Panichella, S. Panichella (2013). Improving IR-based Traceability Recovery via Noun-based Indexing of Software Artifacts. JOURNAL OF SOFTWARE, vol. 27, p. 743-762, ISSN: 2047-7481, doi: 10.1002/smri.1564

Capobianco G, Ciobanu M G, Fasano F, Merola M (2013). A Tool for multimodal fusion of brain PET and MR. In: Congresso AICA 2013 - Mondo Digitale. p. 67-76, ISBN: 9788898091164, Fisciano (Salerno),

Merola M, Izzi F, Pavone L, Grillea G, Bartolo M, Sebastiano F, Capobianco G (2013). Innovative fusion tool of brain pet and mri based on elliptic fourier descriptors and wavelet transform . In: XV National Congress of Italian Society of Neuroscience. Session on neurorobotics and computational neuroscience .

M. Merola, F. Izzi, L. Pavone, G. Grillea, M. Bartolo, F. Calabria, F. Sebastiano, C. Colonnese, Capobianco G (2013). Tecnica innovativa per la fusione multimodale di PET e MRI dell'encefalo basata su descrittori ellittici di Fourier e su trasformata Wavelet. In: 27° Congresso Nazionale di Neuroradiologia .

G. Naclerio, V. Allocata, A. Bucci, G. Capobianco, F. Fiorillo, F. Celico (2012). Winter survival of microbial contaminants in soil. Agrolife scientific journal, issn: 2285-5718

G. Capobianco, A. De Lucia, R. Oliveto, A. Panichella, S. Panichella, Improving ir-based traceability recovery via noun-based indexing of software artifacts. Journal of Software: Evolution and Process (2012).

G. Capobianco, A. De Lucia, R. Oliveto, A. Panichella, S. Panichella (2009). On the Role of the Nouns in IR-based Traceability Link Recovery. In: Proceedings of the 17th International Conference on Program Comprehension. p. 148-157, IEEE Press, ISBN: 978-1-4244-3997-3, Vancouver, British Columbia, Canada, 17-19 Maggio 2009, doi: 10.1109/ICPC.2009.5090038

CAPOBIANCO G, A. DE LUCIA, R. OLIVETO, A. PANICHELLA, S. PANICHELLA (2009). Traceability Recovery using Numerical Analysis. In: Proceedings of 16th International Working Conference on Reverse Engineering. pp. 195-204. ISBN: 978-0-7695-3867-9, Lille, France, 13-16 ottobre 2009, doi: 10.1109/WCRE.2009.14

F. Calabrò, G. Capobianco. (2009) Blowing up behavior for a class of nonlinear VIEs connected with parabolic PDEs. JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS. vol. 228, pp. 580-588 ISSN: 0377-0427.

Giovanni Capobianco, Dajana Conte, Ida Del Prete. (2009). High performance parallel numerical methods for Volterra equations with weakly singular kernels. JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS. vol. 228, pp. 571-579 ISSN: 0377-0427.

CAPOBIANCO G., D. CONTE, I. DEL PRETE, E. RUSSO. (2008). STABILITY ANALYSIS OF FAST NUMERICAL METHODS FOR VOLTERRA INTEGRAL EQUATIONS. ELECTRONIC TRANSACTIONS ON NUMERICAL ANALYSIS. vol. 30, pp. 305-322 ISSN: 1068-9613.

G. Capobianco, A. Cardone, (2008). A parallel algorithm for large systems of Volterra integral equations of Abel type , J. Comput. Appl. Math. 220, pp.749-758, doi: 10.1016/j.cam.2008.05.026

CAPOBIANCO G., D.CONTE, I.DEL PRETE, E.RUSSO. (2007). Fast Runge Kutta methods for nonlinear convolution systems of Volterra integral equations. BIT. vol. 47 n.2, pp. 259-275 ISSN: 0006-3835.

S. RATYNSKAIA, M. DE ANGELI, U. DE ANGELIS, C. MARMOLINO, CAPOBIANCO G., M. LONTANO, E. LAZZARO, G. E. MORFILL, G. GERVASINI. (2007). Observation of the Effects of Dust Particles on Plasma Fluctuation Spectra. PHYSICAL REVIEW LETTERS. vol. 99 n.7 ISSN: 0031-9007.

CAPOBIANCO G., CONTE D. (2006). An efficient and fast parallel method for Volterra Integral Equations of Abel type. JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS. vol. 189/1-2, pp. 481-493 ISSN: 0377-0427.

U. DE ANGELIS, CAPOBIANCO G., C. MARMOLINO AND C.CASTALDO. (2006). Fluctuations in dusty plasmas. PLASMA PHYSICS AND CONTROLLED FUSION. vol. 48 ISSN: 0741-3335.

CAPOBIANCO G., CRISCI M.R., RUSSO E. (2004). Non Stationary Waveform Relaxation methods for Abel Integral Equations. JOURNAL OF INTEGRAL EQUATIONS AND APPLICATIONS. vol. 16, pp. 53-66 ISSN: 0897-3962.

CAPOBIANCO G., CALABRO D. (2004). Fare calcolo parallelo in un laboratorio didattico: la quadratura numerica su un cluster di 72 PC. Convegno Nazionale ADT Associazione per la Didattica con le Tecnologie.

CAPOBIANCO G, CARDONE A. (2003). A parallel code for a non stationary waveform relaxation method for abel integral equations. Technical Report Università di Salerno. Vol. 6/2003

CAPOBIANCO G, CRISCI M.R., RUSSO E., VECCHIO A.. (2000). Parallel methods for Volterra integral equations. ANNALI DELL'UNIVERSITÀ DI FERRARA. SEZIONE 7: SCIENZE MATEMATICHE, vol. XLV, p. 357-368, ISSN: 0430-3202

CAPOBIANCO G (2000). Parallel fast convergent waveform relaxation methods for Volterra integral equations. RICERCHE DI MATEMATICA, vol. XLIX, p. 341-352, ISSN: 0035-5038