

Lista de publicații
șef lucrări GERMÁN-SALLÓ Zoltán
Selecție

Articole conferințe indexate ISI proceedings

1. Germán-Salló Z., Dávid L.: Distributed approximating functional wavelet based neural network in ECG signal processing. Proceedings of International Conference on Automation, Quality and Testing, Robotics AQTR 2006 – THETA 15 Cluj-Napoca, Romania, may 25-28, ISBN 1-4244-0360-X pag. 451-454
2. Germán-Salló Zoltán: ECG signal denoising and baseline Wandering reduction using wavelet transform based techniques Proceedings of International Conference on Automation, Quality and Testing, Robotics AQTR 2008 – THETA 16 Cluj-Napoca, Romania, May 22-25 2008 ISBN 978-973-713-248-2 pag. 45-48
3. Germán-Salló Zoltán: Efficient ECG Signal Parameters Extraction using Multiresolution Analysis. International Conference on Advancements of Medicine and Health Care through Technology Meditech 2009 Cluj-Napoca 23 – 25 September 2009
4. Germán-Salló Zoltán: Nonlinear Filtering in data signal denoising, Proceedings of 9th RoEduNet IEEE International Conference 2010 Sibiu
5. Germán-Salló Zoltán: Efficient ECG Signal Baseline Wander Removal using Wavelet Analysis. International Conference on Advancements of Medicine and Health Care through Technology Meditech 2011 Cluj-Napoca 29 august – 2 September 2011
6. German-Sallo Zoltan, Ciufudean Calin: Waveform Adapted Wavelet denosing of ECG signal, Proceedings of 14th WSEAS International Conference on mathematical and Computational methods in Science and Engineering (MACMESE'12), Siema, Malta september 7-9, 2012

Articole indexate BDI, B+

1. Zoltán Germán-Salló : Wavelet transform based ECG signal analysis. Buletinul științific al Universității "Politehnica" din Timișoara, Seria Electronică și Telecomunicații, Transaction on Electronics and Communications, Tom 50 (64), Fascicola 1, 2005, pag. 13-16
2. Germán-Salló Z.: Processing of ECG signals using wavelet analysis. Acta Electrotechnica Volume 46, Number 3, 2005 ISSN 1841-3323 pag. 135-140
3. Germán-Salló Zoltán : Filter bank synthesis for adapted wavelet analysis, Acta tehnica Napocensis, Volume 51, number 3, 2010, pg. 63-66
4. Zoltan German Sallo : Nonlinear wavelet filtering of data signals, Ubiquitous Computing and Communication Journal Volume 6 Number 3 , Volume 6 No. 3 , 6/15/2011
5. Mózes Ferenc-Emil, Germán-Salló Zoltán: Implementation of Digital Filters in Reconfigurable Hardware Structures Proceedings of the 5th International Conference on Interdisciplinarity in Engineering, 2011, Tirgu-Mures, Romania
6. Germán-Salló Zoltán, Mózes Ferenc-Emil: Wavelet Transform Based ECG Signal Filtering Implemented on FPGA, Proceedings of the 5th International Conference on Interdisciplinarity in Engineering, 2011, Tirgu-Mures, Romania
7. German-Sallo Zoltan: Subband Filtering in ECG Signal Denoising, Proceedings of the 6th International Conference on Interdisciplinarity in Engineering, 2012, Tirgu-Mures, Romania
8. Mozes Ferenc, German-Sallo Zoltan: FPGA based Image Preprocessing Proceedings of the 6th International Conference on Interdisciplinarity in Engineering, 2012, Tirgu-Mures, Romania

9. Brassai Sándor Tihamér, Bakó László, Márton László Ferenc, Germán-Salló Zoltán, Losoncz Lajos: FPGA Based Implementation of Wavelet Convolution, Proceedings of the 6th International Conference on Interdisciplinarity in Engineering, 2012, Tirgu-Mures, Romania
10. Márton László-Ferenc, Brassai Sándor-Tihamér, Germán-Salló Zoltán, Bakó László, Losoncz Lajos: Technical Signal Processing With Application in EEG Channels Correlation Proceedings of the 6th International Conference on Interdisciplinarity in Engineering, 2012, Tirgu-Mures, Romania

Alte articole de conferință și publicații

1. Bíró D., Dávid L., Germán-Salló Z., Devenyi A., Adamik M.: Coating optimisation by dynamic control of reactive sputtering process. Proceedings of the 2nd COST 516 Tribology Symposium, Antwerpen, Belgium, 20-21 may 1999, ISBN 90-5857-001-0 pag. 123-130
2. Dávid L., Horváth S., Germán-Salló Z. : Artificial intelligence based signal processing in biomedical engineering. HEALTH-NET-CEEC 2001 Informatics Tools to Restructure Health Care Services First Meeting of the Central and Eastern European Countries (CEEC) october 18-20, 2001 Targu-Mureș Romania , Proceedings CD ROM
3. Germán-Salló Z.: Wavelet transform based characteristic points detection on ECG signals. Proceedings of International Conference on Automation, Quality and Testing, Robotics AQTR 2004 – THETA 14 Cluj-Napoca, Romania, may 13-15 2004 ISBN 973-713-046-4 pag. 483-484
4. Germán-Salló Z.: Multiresolution analysis in ECG signal processing Proceedings International Conference on Intelligent Engineering Systems INES 2004 Cluj-Napoca, Romania, september 19-21, 2004 ISBN 973-662-120-0 pag 242-245
5. Germán-Salló Zoltán: Adapted Discrete Wavelet Function Design for ECG Signal Analysis. Acta Universitatis Sapientiae, Electrical and Mechanical Engineering, vol 1(2009) pag. 155-161
6. Germán-Salló Zoltán: Nonlinear filtering of Electrocardiogram signals. Macro 2010 International conference on Recent Achievements in Mechatronics, Automation, Computer Science and Robotics, Scientia Publishing House, pag 83-90
7. 28. Germán-Salló Zoltán: Baseline wander removal in the ECG signal. Scientific Bulletin of the “Petru Maior” University of Targu Mures, vol.2 (XIX), 2006, pag. 97-102, ISSN 1841-9247
8. Germán-Salló Zoltán: Wavelet Transform based ECG signal denoising. Interdisciplinarity in Engineering. Scientific International Conference. Targu Mureș 15-16 november 2007, pag. IV-16-1 – IV-16-7, ISSN 1843-780X
9. Germán-Salló Zoltán: Adapted wavelet function design to optimize baseline wander removal in ECG signal Interdisciplinarity in Engineering. Scientific International Conference. Targu Mureș 15-16 november 2007, pag. IV-17-1 – IV-17-6, ISSN 1843-780X
10. Papp Sándor, Germán-Salló Zoltán: Thresholding methods in wavelet transform based filtering Interdisciplinarity in Engineering. Scientific International Conference. Targu Mureș 15-16 november 2007, pag. IV-8-1 – IV-8-7, ISSN 1843-780X
11. Germán-Salló Zoltán: Distributed approximating functional wavelet nets in ECG signal processing. Scientific Bulletin of the “Petru Maior” University of Targu Mures, vol.3 (XX), 2007, pag. 59-66, ISSN 1841-9267
12. Germán-Salló Zoltán, Papp Sándor: Wavelet shrinkage techniques in ECG signal denoising. Scientific Bulletin of the “Petru Maior” University of Targu Mures, vol.3 (XX), 2007, pag. 67-73, ISSN 1841-9267

