

Adaptive control of frequency and phase in vector analyzer

Min, Mart; Ronk, Ants; Sillamaa, Hanno 5th TC7 Symposium on Intelligent Measurement : Jena, German Democratic Republic, June 10-14, 1986, proceedings 1988 / p. 251-256

Adaptive control of frequency and phase in vector analyzer

Min, Mart; Ronk, Ants; Sillamaa, Hanno Intelligent measurement : 5th International IMEKO Symposium; June, 10 - 14, 1986. vol. 2 1986 / p. 200-202

An adaptive filtering system for separation of cardiac and respiratory components of bioimpedance signal

Krivošei, Andrei; Min, Mart; Parve, Toomas; Ronk, Ants 2006 IEEE International Workshop on Medical Measurement and Applications : Benevento, Italy, April 20-21, 2006 2006 / p. 10-15 <https://ieeexplore.ieee.org/document/1644448>

Adaptive frequency control in the phase synchronization measurement system

Min, Mart; Rüstern, Ennu; Ronk, Ants; Sillamaa, Hanno Preprints 11th IFAC World Congress "Automatic Control in the Service of Mankind" : Tallinn, Estonia, USSR, August 13-17, 1990. Vol. 4 1990 / p. 161-167

Adaptive transversal filter with adaptive non-linear feedback as a frequency-locked loop

Ronk, Ants BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 135-138: ill

An extended block-adaptive Fourier analyser for analysis and reproduction of periodic components of band-limited discrete-time signals

Ronk, Ants 2002 http://www.ester.ee/record=b1688702*est

Analysis and reproduction of a signal's periodic components by means of an extended block-adaptive Fourier analyzer

Ronk, Ants IEEE transactions on instrumentation and measurement 2003 / 1, p. 13-19 : ill <https://ieeexplore.ieee.org/document/1191405>

Chirp-based impedance spectroscopy pf piezo-sensors

Saar, Tõnis; Märten, Olev; Reidla, Marko; Ronk, Ants BEC 2010 : 2010 12th Biennial Baltic Electronics Conference : proceedings of the 12th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 4-6, 2010, Tallinn, Estonia 2010 / p. 339-342 : ill

Design concepts of instruments for vector parameter identification

Min, Mart; Parve, Toomas; Ronk, Ants IEEE transactions on instrumentation and measurement 1992 / 1, p. 50-53: fig

Design concepts of instruments for vector parameter identification

Min, Mart; Parve, Toomas; Ronk, Ants IEEE transactions on instrumentation and measurement 1992 / 1, p. 50-53

Design concepts of instruments for vector parameter identification

Min, Mart; Parve, Toomas; Ronk, Ants Enhancing productivity with instrumentation and measurement technologies : record of the IEEE Instrumentation and Measurement Technology Conference : IMTC '91, Atlanta (USA), May 14-16, 1991 1991 / p. 347-352: fig

Digital multichannel bioimpedance analyser : signal processing approaches

Ronk, Ants; Annus, Paul; Kuusik, Alar; Land, Raul; Märten, Olev Proceedings of the 3rd European Medical & Biological Engineering Conference EMBEC'05 : November 20-25, 2005, Prague, Czech Republic 2005 / [4] p https://www.researchgate.net/publication/224062830_A_Digital_Multichannel_Bioimpedance_Analyser_Signal_Processing_Task_and_its_Solution

A digital multichannel bioimpedance analyser : signal processing task and its solution

Annus, Paul; Kuusik, Alar; Land, Raul; Märten, Olev; Ronk, Ants Proc. of the IEEE Instrumentation and Measurement Technology Conference : IMTC 2006 : Sorrento, Italy, April 24-27, 2006 2006 / p. 1405-1409 <https://doi.org/10.1109/IMTC.2006.328596>

Digital post-processing of the bio-impedance signal

Märten, Olev; Märten, Hannes; Min, Mart; Parve, Toomas; Ronk, Ants Proceedings of X International Conference on Electrical Bio-Impedance : ICEBI'98 : 5-9 April 1998, Barcelona 1998 / p. 445-448

Extended block-adaptive Fourier analyser

Ronk, Ants ICCSC'02 : 1st IEEE International Conference on Circuits and Systems for Communications, 26-28 June, 2002, St.Petersburg, Russia : proceedings 2002 / p. 428-431 : ill <https://ieeexplore.ieee.org/document/1029133>

Faasisünkroniseerimissüsteemi isehäälustumise tagamine : magistritöö

Ronk, Ants 1992 http://www.ester.ee/record=b2676473*est

Frequency pattern fitting in an extended block-adaptive Fourier analyser - I: indispensable restrictions

Ronk, Ants BEC 2002 : proceedings of the 8th Biennial Baltic Electronics Conference : October 6-9, 2002, Tallinn, Estonia 2002 / p. 153-156 : ill

Frequency pattern fitting in an extended block-adaptive Fourier analyser - II: ordering of frequencies and fitting of them on disjoint sets of values

Ronk, Ants BEC 2002 : proceedings of the 8th Biennial Baltic Electronics Conference : October 6-9, 2002, Tallinn, Estonia 2002 / p. 217-220

Frequency pattern fitting in an extended block-adaptive Fourier analyser - III: necessary detunings

Ronk, Ants BEC 2002 : proceedings of the 8th Biennial Baltic Electronics Conference : October 6-9, 2002, Tallinn, Estonia 2002 / p. 221-224 : ill

Frequency-locked loop based on adaptive transversal filter

Ronk, Ants Proceedings of the 10th IMEKO TC-4 International Symposium on Development in Digital Measuring Instrumentation and 3rd Workshop on ADC Modelling and Testing, 17-18 Sept. 1998, Naples, Italy. Vol. 2 1998 / p. 637-641

Identification of signal's sine-wave dominants using analysis of level crossings

Ronk, Ants BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 233-238: ill

Lock-in measurement of the hand-hand bio-impedance

Min, Mart; Haldre, H.; Härm, Härmo; Märten, Olev; Märten, Hannes; Parve, Toomas; Ronk, Ants 8th International IMEKO Conference on Measurement in Clinical Medicine Biomedical Measurement and Instrumentation & 12th International Symposium on Biomedical Engineering, Dubrovnik, Croatia, September 16-19, 1998 : proceedings 1998 / p. 2.49-2.52

A modified frequency error estimator for the block adaptive Fourier analyzer

Ronk, Ants The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 103-106 : ill https://www.ester.ee/record=b2150914*est

On frequency adaption in an extended block-adaptive Fourier analyser

Ronk, Ants Proceedings of the Estonian Academy of Sciences. Engineering 2001 / 4, p. 309-330 : ill
https://artiklid.elnet.ee/record=b1008574*est

One bio-medical multisine measurement task: solution principles

Ronk, Ants; Min, Mart BEC 2004 : proceedings of the 9th Biennial Baltic Electronics Conference : October 3-6, 2004, Tallinn, Estonia 2004 / p. 199-200 : ill

Rough identification of signal's components

Ronk, Ants Final program and abstracts of the 5th International Biennial Seminar on Intelligent Measuring Systems, Budapest, July 1-4, 1994 / IEEE Instrumentation & Measurement Society 1994 / p. 20

A sampling multichannel bioimpedance analyzer for tissue monitoring

Min, Mart; Land, Raul; Märten, Olev; Parve, Toomas; Ronk, Ants Proc. of the 26. Annual International Conference of the IEEE EMBS : September 1-5, 2004, San Francisco, California, USA 2004 / p. 902-905

Separation and analysis of signal's components by means of extended block-adaptive Fourier analyzer

Ronk, Ants IMTC/2001 : proceedings of the 18th IEEE Instrumentation and Measurement Technology Conference : Rediscovering Measurement in the Age of Informatics : Budapest, Hungary, 21-23 May, 2001. Volume 2 2001 / p. 1202-1207
<https://ieeexplore.ieee.org/document/928267>

Simultaneous multi-frequency bioimpedance measurement applying synchronised uniform or non-uniform sampling

Ronk, Ants; Min, Mart; Parve, Toomas 13th International Conference on Electrical Bioimpedance and 8th Conference on Electrical Impedance Tomography 2007 : ICEBI2007 : August 29th - September 2nd 2007, Graz, Austria 2007 / p. 185-189

Spectral analysis by crossings with properly chosen signals

Ronk, Ants BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 205-208: ill

Synchronous primary signal processing for MIMO bio-impedance measurement on several frequencies

Ronk, Ants; Toomessoo, Jüri BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : Tallinn University of Technology : October 6-8, 2008, Tallinn, Estonia 2008 / p. 313-316 : ill

Synchronous sampling and demodulation in an instrument for multifrequency bioimpedance measurement

Min, Mart; Parve, Toomas; Ronk, Ants; Annus, Paul; Paavle, Toivo IEEE transactions on instrumentation and measurement 2007 / 4, p. 1365-1372 : ill <https://ieeexplore.ieee.org/document/4277035>

Transients in adaptive Fourier analysers

Ronk, Ants; Voolaine, Ülle Proceedings of the Estonian Academy of Sciences. Engineering 2004 / 3, p. 209-226

Waveform filtering using adaptive filters

Ronk, Ants; Min, Mart Proceedings of the IEEE International Workshop on Intelligent Signal Processing : September 4-7, 1999, Budapest, Hungary 1999 / p. 210-214

Алгоритм частичного решения уравнений больших цепей

Ronk, Ants Труды по электротехнике и автоматике : сборник статей. 14 1976 / с. 11-20 : илл

https://www.ester.ee/record=b2190768*est <https://digikogu.taltech.ee/et/Item/aa35e320-87b1-405b-9cac-3b90c51867d1>

Алгоритмы для повторного расчета цепи методом редукции : выполнение одного цикла расчета

Ronk, Ants Моделирование и управление в системах технической кибернетики 1987 / с. 60-71

Алгоритмы для повторного расчета цепи методом редукции : выполнение расчетов, прикрепленных к одному узлу

Ronk, Ants Моделирование и управление в системах технической кибернетики 1987 / с. 50-59

Алгоритмы формирования и характеристики деревьев упорядочения узлов цепи

Ronk, Ants; Saar, R. Анализ и синтез сложных систем и цепей с помощью ЭВМ 1988 / с. 74-86

Моделирование частичного LU-разложения разреженной матрицы при решении задач анализа цепей

Ronk, Ants Труды по электротехнике и автоматике : сборник статей. 13 1975 / с. 55-66 : илл

https://www.ester.ee/record=b2190710*est <https://digikogu.taltech.ee/et/Item/ffbd63ed-06d6-4bbb-9468-118f743cc87f>

О минимизации требуемой памяти ЦВМ при частичном решении уравнений цепи

Ronk, Ants Тезисы докладов республиканской научно-технической конференции, посвященной Дню радио, Таллин, 1977 1977 / с. 78-79 https://www.ester.ee/record=b1313776*est

О применении LU-разложения при анализе электронных цепей на ЭВМ

Ronk, Ants Тезисы докладов республиканской научно-технической конференции, посвященной 80-летию со дня изобретения радио А. С. Поповым 1975 / с. 57 https://www.ester.ee/record=b1322122*est

Обеспечение адаптивности векторного анализатора к свойствам входных сигналов при помощи встроенного микропроцессора

Min, Mart; Ronk, Ants; Haldre, Eero Всесоюзная научно-техническая конференция «Проблемы развития аппаратных и программных средств вычислительной техники для машинного моделирования»: тезисы докладов 1987 / с. 102

Повторный расчет линейной цепи методом редукции при использовании строгого частичного упорядочения исключаемых узлов

Ronk, Ants Анализ и синтез сложных систем и цепей с помощью ЭВМ 1986 / с. 81-92

Преобразование звезда-сеть для расчета активных адмитансных цепей

Kukk, Vello; Ronk, Ants Расчет и проектирование приборов, устройств и систем технической кибернетики 1980 / с. 121-128 : илл https://www.ester.ee/record=b1264145*est <https://digikogu.taltech.ee/et/Item/81bf2178-a9f8-417d-86c7-2000cca6a01e>

Расчет линейных цепей прямыми методами на разных моделях

Ronk, Ants Численные методы и средства проектирования и испытания элементов РЭА : тезисы докладов. Том II 1987 / с. 30-33 : ил https://www.ester.ee/record=b1273989*est

Решение линейных уравнений цепей посредством преобразования звезда-сеть

Tohver, H.; Ronk, Ants XXX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 8-10 апреля 1986 года : тезисы докладов. Том II, Автоматика. Энергетика. Механика. Химия 1986 / с. 24 https://www.ester.ee/record=b1305565*est

Система программ для анализа линейных систем и цепей

Kukk, Vello; Kurm, Matti; Ronk, Ants; Rüstern, Ennu Тезисы докладов республиканской научно-технической конференции, посвященной 80-летию со дня изобретения радио А. С. Поповым 1975 / с. 53 https://www.ester.ee/record=b1322122*est

Электротехника и автоматика

Mägi, Harri; Rüstern, Ennu; Aarna, Olav; Kiitam, Andres; Land, Raul; Min, Mart; Ronk, Ants; Parve, Toomas; Rang, Toomas; Mahhitko, V.P.; Šendrik, M.G.; Tamm, Boris, inform. 1986 https://www.ester.ee/record=b1296468*est

Электротехника и автоматика

Laansoo, Ants; Aarna, Olav; Metsanurm, Margus; Teder, Toomas; Kiitam, Andres; Saks, Eva; Land, Raul; Min, Mart; Remmel, Ülo; Ronk, Ants; Rang, Toomas 1987 https://www.ester.ee/record=b1221893*est

Электротехника и автоматика

Pikkov, Otto; Uutma, Toomas; Seppel, Simmu; Umbleja, Uko; Väljamäe, Gunnar; Gordon, Boris; Proode, Ülo; Raiend, Kullo; Aarna, Olav; Metsanurm, Margus; Land, Raul; Lipping, Kalle; Ronk, Ants; Saar, R. 1988

https://www.ester.ee/record=b1288214*est