

Ewaryst Rafajłowicz

analiza cytowań za lata 1978-2016

według bazy Web of Science (stan bazy na dzień 29.07.2016)

bez autocytowań¹

Liczba cytowań: 375

Liczba prac cytowanych: 64

Indeks Hirscha²: 12

Ciskowski, Piotr., Rafajłowicz, Ewaryst.:

Context-dependent neural nets - structures and learning.

IEEE Transactions on Neural Networks. 2004, vol. 15, nr 6, s. 1367-1377.

1. Title: Structure of Indicator Function Classes With Finite Vapnik-Chervonenkis Dimensions

Author(s): Zhang, C (Zhang, Chao); Tao, DC (Tao, Dacheng)

Source: IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS Volume: 24 Issue: 7

Pages: 1156-1160 DOI: 10.1109/TNNLS.2013.2251746 Published: JUL 2013

2. Title: Context dependent controller by overlapped neural networks for performance metrics revision

Author(s): Mohamed, A (Mohamed, Atef); Wei, RZ (Wei, Ruizhong)

Edited by: Yao Y; Shi ZZ; Wang YX; Kinsner W

Source: Proceedings of the Fifth IEEE International Conference on Cognitive Informatics, Vols 1 and 2

Pages: 507-516 Published: 2006

Gnot, Stanisław., Rafajłowicz, Ewaryst., Urbańska-Motyka, Agnieszka.:

Statistical inference in a linear model for spatially located sensors and random input.

Annals of the Institute of Statistical Mathematics. 2001, vol. 53, nr 2, s. 370-379.

3. Title: SENSOR NETWORK DESIGN FOR THE ESTIMATION OF SPATIALLY DISTRIBUTED PROCESSES

Author(s): Ucinski, D (Ucinski, Dariusz); Patan, M (Patan, Maciej)

Source: INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE Volume: 20

Issue: 3 Pages: 459-481 DOI: 10.2478/v10006-010-0034-2 Published: SEP 2010

4. Title: On geometry of the set of admissible invariant quadratic estimators in balanced two variance components model

Author(s): Neumann, K (Neumann, K); Zontek, S (Zontek, S)

¹ Wykluczono te prace cytujące, w których pojawia się chociaż jeden z autorów pracy cytowanej.

² Indeks Hirscha podawany jest według bazy Web of Science (liczony z autocytowaniami, wyłącznie dla prac indeksowanych w bazie WoS). Nie jest wyliczany przez pracowników Sekcji Informacji Naukowo-Technicznej.

Source: STATISTICAL PAPERS Volume: 45 Issue: 1 Pages: 67-80 DOI: 10.1007/BF02778270
Published: JAN 2004

Kallenberg, Wilbert., Ledwina, Teresa., Rafajłowicz, Ewaryst.:
Testing bivariate independence and normality.
Sankhya. Series A. 1997, vol. 59, pt. 1, s. 42-59.

5. Title: A treatment of multivariate skewness, kurtosis, and related statistics
Author(s): Klar, B (Klar, B)

Source: JOURNAL OF MULTIVARIATE ANALYSIS Volume: 83 Issue: 1 Pages: 141-165 DOI:
10.1006/jmva.2001.2041 Published: OCT 2002

6. Title: Diagnostic smooth tests of fit
Author(s): Klar, B (Klar, B)

Source: METRIKA Volume: 52 Issue: 3 Pages: 237-252 DOI: 10.1007/PL00003984 Published: 2000

7. Title: Data driven smooth tests for bivariate normality
Author(s): Bogdan, M (Bogdan, M)

Source: JOURNAL OF MULTIVARIATE ANALYSIS Volume: 68 Issue: 1 Pages: 26-53 DOI:
10.1006/jmva.1998.1779 Published: JAN 1999

Krzyżak, Adam., Rafajłowicz, Ewaryst., Skubalska-Rafajłowicz, Ewa.:
Clipped median and space-filling curves in image filtering.
Nonlinear Analysis, Theory, Methods & Applications. Series A, Theory and Methods. 2001, vol. 47,
nr 1, s. 303-314.

8. Title: Scanning and Sequential Decision Making for Multidimensional Data-Part II: The Noisy Case
Author(s): Cohen, A (Cohen, Asaf); Weissman, T (Weissman, Tsachy); Merhav, N (Merhav, Neri)
Source: IEEE TRANSACTIONS ON INFORMATION THEORY Volume: 54 Issue: 12 Pages: 5609-5631
DOI: 10.1109/TIT.2008.2006378 Published: DEC 2008

9. Title: Scanning and sequential decision making for multidimensional data - Part I : The noiseless case

Author(s): Cohen, A (Cohen, Asaf); Merhav, N (Merhav, Neri); Weissman, T (Weissman, Tsachy)

Source: IEEE TRANSACTIONS ON INFORMATION THEORY Volume: 53 Issue: 9 Pages: 3001-3020 DOI:
10.1109/TIT.2007.903117 Published: SEP 2007

Krzyżak, Adam., Rafajłowicz, Ewaryst.:
Aproksymacja funkcji przy pomocy jednokierunkowych sieci neuronowych.
W: Biocybernetyka i inżynieria biomedyczna 2000. Pod red. Macieja Nałęcz. T. 6. Sieci neuronowe.
Red. Włodzisław Duch [i in.]. Warszawa : "Exit", 2000. s. 371-388

10. Title: Neural modeling of relative air humidity

Author(s): Białobrzewski, I (Białobrzewski, I.)

Source: COMPUTERS AND ELECTRONICS IN AGRICULTURE Volume: 60 Issue: 1 Pages: 1-7 DOI:
10.1016/j.compag.2007.02.009 Published: JAN 2008

Krzyżak, Adam., Rafajłowicz, Ewaryst., Pawlak, Mirosław.:
Moving average restoration of bandlimited signals from noisy observations.
IEEE Transactions on Signal Processing. 1997, vol. 45, nr 12, s. 2967-2976.

11. Title: Nonparametric Sequential Signal Change Detection Under Dependent Noise
 Author(s): Pawlak, M (Pawlak, Miroslaw); Steland, A (Steland, Ansgar)
 Source: IEEE TRANSACTIONS ON INFORMATION THEORY Volume: 59 Issue: 6 Pages: 3514-3531 DOI: 10.1109/TIT.2013.2243200 Published: JUN 2013
12. Title: Mean-squared error, sampling, and reconstruction in the presence of noise
 Author(s): Eldar, YC (Eldar, Yonina C.)
 Source: IEEE TRANSACTIONS ON SIGNAL PROCESSING Volume: 54 Issue: 12 Pages: 4619-4633 DOI: 10.1109/TSP.2006.881266 Published: DEC 2006
13. Title: Nonideal sampling and interpolation from noisy observations in shift-invariant spaces
 Author(s): Eldar, YC (Eldar, YC); Unser, M (Unser, M)
 Source: IEEE TRANSACTIONS ON SIGNAL PROCESSING Volume: 54 Issue: 7 Pages: 2636-2651 DOI: 10.1109/TSP.2006.873365 Published: JUL 2006
14. Title: Re-calibrating TsuBiMo with eddy-covariance measurements at Takayama
 Author(s): Alexandrov, GA (Alexandrov, GA); Yamagata, Y (Yamagata, Y); Saigusa, N (Saigusa, N); Oikawa, T (Oikawa, T)
 Source: AGRICULTURAL AND FOREST METEOROLOGY Volume: 134 Issue: 1-4 Pages: 135-142 DOI: 10.1016/j.agrformet.2005.08.012 Published: NOV 30 2005
15. Title: Minimax subspace sampling in the presence of noise
 Author(s): Eldar, YC (Eldar, YC)
 Book Group Author(s): IEEE
 Source: 2005 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, VOLS 1-5: SPEECH PROCESSING Book Series: International Conference on Acoustics Speech and Signal Processing ICASSP Pages: 193-196 Published: 2005
16. Title: Reconstruction of bandlimited signals from noisy data by adaptive thresholding
 Author(s): Nguyen, LV (Nguyen, LV); Pawlak, M (Pawlak, M)
 Book Group Author(s): IEEE
 Source: 2004 IEEE INTERNATIONAL SYMPOSIUM ON CIRCUITS AND SYSTEMS, VOL 3, PROCEEDINGS Pages: 653-656 Published: 2004
17. Title: Spatial system identification of a simply supported beam and a trapezoidal cantilever plate
 Author(s): Fleming, AJ (Fleming, AJ); Moheimani, SOR (Moheimani, SOR)
 Source: IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY Volume: 11 Issue: 5 Pages: 726-736 DOI: 10.1109/TCST.2003.816415 Published: SEP 2003
18. Title: Precision speed control of PMSM for stimulation of the vestibular system using rotatory chair
 Author(s): Ko, JS (Ko, JS); Lee, TH (Lee, TH); Kim, KG (Kim, KG); Kim, ID (Kim, ID)
 Source: MECHATRONICS Volume: 13 Issue: 5 Pages: 465-475 DOI: 10.1016/S0957-4158(01)00086-1 Published: JUN 2003
19. Title: Reconstruction of bandlimited signals from noisy data by thresholding
 Author(s): Nguyen, VL (Nguyen, VL); Pawlak, M (Pawlak, M)
 Book Group Author(s): IEEE; IEEE; IEEE
 Source: 2003 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, VOL VI, PROCEEDINGS: SIGNAL PROCESSING THEORY AND METHODS Pages: 169-172 Published: 2003

Myszka, Wojciech., Rafajłowicz, Ewaryst.:
LATEX : Podręcznik użytkownika.
Warszawa : PLJ, 1992.

20. Title: Modelling and measurement of textile objects for experiment design
Author(s): Gniotek, K (Gniotek, K)
Source: FIBRES & TEXTILES IN EASTERN EUROPE Volume: 10 Issue: 2 Pages: 54-59 Published: APR-JUN 2002

Pawlak, Mirosław., Rafajłowicz, Ewaryst.:
Quasi-random sampling for signal recovery.
Nonlinear Analysis, Theory, Methods & Applications. Series A, Theory and Methods. 2009, vol. 71, nr 10, s. 4357-4363.

21. Title: Increasing energy efficiency in sensor networks: blue noise sampling and non-convex matrix completion
Author(s): Majumdar, A (Majumdar, Angshul); Ward, RK (Ward, Rabab K.)
Source: INTERNATIONAL JOURNAL OF SENSOR NETWORKS Volume: 9 Issue: 3-4 Special Issue: SI Pages: 158-169 Published: 2011

Pawlak, Mirosław., Rafajłowicz, Ewaryst., Steland, Ansgar.:
On detecting jumps in time series: nonparametric setting.
Journal of Nonparametric Statistics. 2004, vol. 16, nr 3/4, s. 329-347.

22. Title: Vertically Weighted Averages in Hilbert Spaces and Applications to Imaging: Fixed-Sample Asymptotics and Efficient Sequential Two-Stage Estimation
Author(s): Steland, A (Steland, Ansgar)
Source: SEQUENTIAL ANALYSIS-DESIGN METHODS AND APPLICATIONS Volume: 34 Issue: 3 Special Issue: SI Pages: 295-323 DOI: 10.1080/07474946.2015.1063257 Published: JUL 3 2015

23. Title: Generalized methods and solvers for noise removal from piecewise constant signals. I. Background theory
Author(s): Little, MA (Little, Max A.); Jones, NS (Jones, Nick S.)
Source: PROCEEDINGS OF THE ROYAL SOCIETY A-MATHEMATICAL PHYSICAL AND ENGINEERING SCIENCES Volume: 467 Issue: 2135 Pages: 3088-3114 DOI: 10.1098/rspa.2010.0671 Published: NOV 8 2011

24. Title: Time dynamic and hierarchical dependence modeling of a supervisory portfolio of banks: a multivariate nonparametric approach
Author(s): Gaisser, S (Gaisser, Sandra); Memmel, C (Mommel, Christoph); Schmidt, R (Schmidt, Rafael); Wehn, CS (Wehn, Carsten S.)
Source: JOURNAL OF RISK Volume: 14 Issue: 1 Pages: 3-40 Published: FAL 2011

25. Title: Steps and Bumps: Precision Extraction of Discrete States of Molecular Machines
Author(s): Little, MA (Little, Max A.); Steel, BC (Steel, Bradley C.); Bai, F (Bai, Fan); Sowa, Y (Sowa, Yoshiyuki); Bilyard, T (Bilyard, Thomas); Mueller, DM (Mueller, David M.); Berry, RM (Berry, Richard M.); Jones, NS (Jones, Nick S.)
Source: BIOPHYSICAL JOURNAL Volume: 101 Issue: 2 Pages: 477-485 DOI: 10.1016/j.bpj.2011.05.070 Published: JUL 20 2011

Pawlak, Mirosław., Rafajłowicz, Ewaryst., Krzyżak, Adam.:

Postfiltering versus prefiltering for signal recovery from noisy samples.
IEEE Transactions on Information Theory. 2003, vol. 49, nr 12, s. 3195-3212.

26. Title: A SIMPLE SCHEME FOR SEMI-RECURSIVE IDENTIFICATION OF HAMMERSTEIN SYSTEM NONLINEARITY BY HAARWAVELETS

Author(s): Sliwinski, P (Sliwinski, Przemyslaw); Hasiewicz, Z (Hasiewicz, Zygmunt); Wachel, P (Wachel, Pawel)

Source: INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE Volume: 23 Issue: 3 Pages: 507-520 DOI: 10.2478/amcs-2013-0039 Published: SEP 2013

27. Title: Estimation of FARIMA Parameters in the Case of Negative Memory and Stable Noise

Author(s): Burnecki, K (Burnecki, Krzysztof); Sikora, G (Sikora, Grzegorz)

Source: IEEE TRANSACTIONS ON SIGNAL PROCESSING Volume: 61 Issue: 11 Pages: 2825-2835 DOI: 10.1109/TSP.2013.2253773 Published: JUN 2013

28. Title: Signal denoising with average sampling

Author(s): Zhang, QY (Zhang, Qingyue); Wang, L (Wang, Ling); Sun, WC (Sun, Wenchang)

Source: DIGITAL SIGNAL PROCESSING Volume: 22 Issue: 2 Pages: 226-232 DOI: 10.1016/j.dsp.2011.11.005 Published: MAR 2012

29. Title: Sampling and reconstruction of signals in a reproducing kernel subspace of L-P(R-d)

Author(s): Nashed, MZ (Nashed, M. Zuhair); Sun, QY (Sun, Qiyu)

Source: JOURNAL OF FUNCTIONAL ANALYSIS Volume: 258 Issue: 7 Pages: 2422-2452 DOI: 10.1016/j.jfa.2009.12.012 Published: APR 1 2010

30. Title: Error analysis of frame, reconstruction from noisy samples

Author(s): Aldroubi, A (Aldroubi, Akram); Leonetti, C (Leonetti, Casey); Sun, QY (Sun, Qiyu)

Source: IEEE TRANSACTIONS ON SIGNAL PROCESSING Volume: 56 Issue: 6 Pages: 2311-2325 DOI: 10.1109/TSP.2007.913138 Published: JUN 2008

31. Title: Image processing with JPEG2000 coders

Author(s): Sliwinski, P (Sliwinski, Przemyslaw); Smutnicki, C (Smutnicki, Czeslaw); Chorazyczewski, A (Chorazyczewski, Artur)

Edited by: Schelkens P; Ebrahimi T; Cristobal G; Truchetet F

Source: OPTICAL AND DIGITAL IMAGE PROCESSING Book Series: Proceedings of SPIE Volume: 7000 Article Number: 70001G DOI: 10.1117/12.781516 Published: 2008

32. Title: Evaluation of Several Reconstruction Methods of Bandlimited Signals

Author(s): Ahmad, BI (Ahmad, B. I.); Tarczynski, A (Tarczynski, A.)

Book Group Author(s): IEEE

Source: SCS: 2008 2ND INTERNATIONAL CONFERENCE ON SIGNALS, CIRCUITS AND SYSTEMS Pages: 41-45 Published: 2008

33. Title: Mean-squared error, sampling, and reconstruction in the presence of noise

Author(s): Eldar, YC (Eldar, Yonina C.)

Source: IEEE TRANSACTIONS ON SIGNAL PROCESSING Volume: 54 Issue: 12 Pages: 4619-4633 DOI: 10.1109/TSP.2006.881266 Published: DEC 2006

34. Title: Nonideal sampling and interpolation from noisy observations in shift-invariant spaces

Author(s): Eldar, YC (Eldar, YC); Unser, M (Unser, M)

Source: IEEE TRANSACTIONS ON SIGNAL PROCESSING Volume: 54 Issue: 7 Pages: 2636-2651 DOI: 10.1109/TSP.2006.873365 Published: JUL 2006

35. Title: Testing, parametric assumptions on band- or time-limited signals under noise
Author(s): Bissantz, N (Bissantz, N); Holzmann, H (Holzmann, H); Munk, A (Munk, A)
Source: IEEE TRANSACTIONS ON INFORMATION THEORY Volume: 51 Issue: 11 Pages: 3796-3805
DOI: 10.1109/TIT.2005.856957 Published: NOV 2005

36. Title: Minimax subspace sampling in the presence of noise
Author(s): Eldar, YC (Eldar, YC)
Book Group Author(s): IEEE
Source: 2005 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, VOLS 1-5: SPEECH PROCESSING Book Series: International Conference on Acoustics Speech and Signal Processing ICASSP Pages: 193-196 Published: 2005

Pawlak, Mirosław., Rafajłowicz, Ewaryst.:
Jump preserving signal reconstruction using vertical weighting.
Nonlinear Analysis, Theory, Methods & Applications. Series A, Theory and Methods. 2001, vol. 47, nr 1, s. 327-338.

37. Title: Random walks with drift - A sequential approach
Author(s): Steland, A (Steland, A)
Source: JOURNAL OF TIME SERIES ANALYSIS Volume: 26 Issue: 6 Pages: 917-942 DOI:
10.1111/j.1467-9892.2005.00450.x Published: NOV 2005

38. Title: Optimal sequential kernel detection for dependent processes
Author(s): Steland, A (Steland, A)
Source: JOURNAL OF STATISTICAL PLANNING AND INFERENCE Volume: 132 Issue: 1-2 Pages: 131-147 DOI: 10.1016/j.jspi.2004.06.019 Published: JUN 1 2005

39. Title: On the distribution of the clipping median under a mixture model
Author(s): Steland, A (Steland, A)
Source: STATISTICS & PROBABILITY LETTERS Volume: 71 Issue: 1 Pages: 1-13 DOI:
10.1016/j.spl.2004.10.016 Published: JAN 1 2005

Pawlak, Mirosław., Rafajłowicz, Ewaryst.:
Vertically weighted regression - a tool for constructing control charts.
Allgemeines Statistisches Archiv. 2000, vol. 84, nr 4, s. 367-388

40. Title: Vertically Weighted Averages in Hilbert Spaces and Applications to Imaging: Fixed-Sample Asymptotics and Efficient Sequential Two-Stage Estimation
Author(s): Steland, A (Steland, Ansgar)
Source: SEQUENTIAL ANALYSIS-DESIGN METHODS AND APPLICATIONS Volume: 34 Issue: 3 Special Issue: SI Pages: 295-323 DOI: 10.1080/07474946.2015.1063257 Published: JUL 3 2015

41. Title: Random walks with drift - A sequential approach
Author(s): Steland, A (Steland, A)
Source: JOURNAL OF TIME SERIES ANALYSIS Volume: 26 Issue: 6 Pages: 917-942 DOI:
10.1111/j.1467-9892.2005.00450.x Published: NOV 2005

42. Title: Optimal sequential kernel detection for dependent processes
Author(s): Steland, A (Steland, A)

Source: JOURNAL OF STATISTICAL PLANNING AND INFERENCE Volume: 132 Issue: 1-2 Pages: 131-147 DOI: 10.1016/j.jspi.2004.06.019 Published: JUN 1 2005

43. Title: On the distribution of the clipping median under a mixture model

Author(s): Steland, A (Steland, A)

Source: STATISTICS & PROBABILITY LETTERS Volume: 71 Issue: 1 Pages: 1-13 DOI:

10.1016/j.spl.2004.10.016 Published: JAN 1 2005

44. Title: Nonparametric monitoring of financial time series by jump-preserving control charts

Author(s): Steland, A (Steland, A)

Source: STATISTICAL PAPERS Volume: 43 Issue: 3 Pages: 401-422 DOI: 10.1007/s00362-002-0112-0

Published: JUL 2002

Pawlak, Mirosław., Rafajłowicz, Ewaryst., Krzyżak, Adam.:

Exponential weighting algorithms for reconstruction of bandlimited signals.

IEEE Transactions on Signal Processing. 1996, vol. 44, nr 3, s. 538-545.

45. Title: Reconstruction of bandlimited signals from noisy data by thresholding

Author(s): Nguyen, VL (Nguyen, VL); Pawlak, M (Pawlak, M)

Book Group Author(s): IEEE; IEEE; IEEE

Source: 2003 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, VOL VI, PROCEEDINGS: SIGNAL PROCESSING THEORY AND METHODS Pages: 169-172 Published: 2003

Pawlak, Mirosław., Rafajłowicz, Ewaryst.:

Slowly expanding orthogonal neural net for uniformly distributed input patterns :

Pt. 1 - Problem statement and net structure.

W: Neural networks and their applications. Proceedings of the second conference, Szczyrk, 30 IV - 4 V 1996. Vol. 2. Częstochowa : Wydaw. PCzést., 1996. s. 365-370

46. Title: Wavelet network estimating regression function

Author(s): Sliwinski, P (Sliwinski, P)

Editor(s): Rutkowski L; Kacprzyk J

Source: NEURAL NETWORKS AND SOFT COMPUTING Book Series: ADVANCES IN SOFT COMPUTING Pages: 722-727 Published: 2003

Pawlak, Mirosław., Rafajłowicz, Ewaryst.:

On restoring band-limited signals.

IEEE Transactions on Information Theory. 1994, vol. 40, nr 5, s. 1490-1503.

47. Title: Bandwidth Programmable Optical Nyquist Pulse Generation in Passively Mode-Locked Fiber Laser

Author(s): Boscolo, S (Boscolo, Sonia); Finot, C (Finot, Christophe); Turitsyn, SK (Turitsyn, Sergei K.)

Source: IEEE PHOTONICS JOURNAL Volume: 7 Issue: 5 Article Number: 7802008 Published: OCT 2015

48. Title: Flexible Nyquist Pulse Sequence Generation With Variable Bandwidth and Repetition Rate

Author(s): Preussler, S (Preussler, Stefan); Wenzel, N (Wenzel, Norman); Schneider, T (Schneider, Thomas)

Source: IEEE PHOTONICS JOURNAL Volume: 6 Issue: 4 Article Number: 7901608 DOI: 10.1109/JPHOT.2014.2331240 Published: AUG 2014

49. Title: Optical sinc-shaped Nyquist pulses of exceptional quality
Author(s): Soto, MA (Soto, Marcelo A.); Alem, M (Alem, Mehdi); Shoaie, MA (Shoaie, Mohammad Amin); Vedadi, A (Vedadi, Armand); Bres, CS (Bres, Camille-Sophie); Thevenaz, L (Thevenaz, Luc); Schneider, T (Schneider, Thomas)
Source: NATURE COMMUNICATIONS Volume: 4 Article Number: 2898 DOI: 10.1038/ncomms3898
Published: DEC 2013

50. Title: Error analysis of frame, reconstruction from noisy samples
Author(s): Aldroubi, A (Aldroubi, Akram); Leonetti, C (Leonetti, Casey); Sun, QY (Sun, Qiyu)
Source: IEEE TRANSACTIONS ON SIGNAL PROCESSING Volume: 56 Issue: 6 Pages: 2311-2325 DOI: 10.1109/TSP.2007.913138 Published: JUN 2008

51. Title: Evaluation of Several Reconstruction Methods of Bandlimited Signals
Author(s): Ahmad, BI (Ahmad, B. I.); Tarczynski, A (Tarczynski, A.)
Book Group Author(s): IEEE
Source: SCS: 2008 2ND INTERNATIONAL CONFERENCE ON SIGNALS, CIRCUITS AND SYSTEMS Pages: 41-45 Published: 2008

52. Title: Random series in $L-P(X, \Sigma, \mu)$ using unconditional basic sequences: A result on almost sure almost everywhere convergence
Author(s): Medina, JM (Miguel Medina, Juan); Frias, BC (Cernuschi Frias, Bruno)
Book Group Author(s): IEEE
Source: 2006 IEEE Information Theory Workshop Pages: 342-344 DOI: 10.1109/ITW.2006.1633842
Published: 2006

53. Title: Spatial system identification of a simply supported beam and a trapezoidal cantilever plate
Author(s): Fleming, AJ (Fleming, AJ); Moheimani, SOR (Moheimani, SOR)
Source: IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY Volume: 11 Issue: 5 Pages: 726-736 DOI: 10.1109/TCST.2003.816415 Published: SEP 2003

Pawlak, Mirosław. , Rafajłowicz, Ewaryst.

Nonparametric recovery of a function derivative from point noisy measurements using orthogonal series.

Raporty Inst. Cybern. PWr. 1983 Ser. PRE ; nr 47

54. Title: A GENERAL-APPROACH FOR NONPARAMETRIC FITTING OF FUNCTIONS AND THEIR DERIVATIVES WITH APPLICATIONS TO LINEAR CIRCUITS IDENTIFICATION
Author(s): RUTKOWSKI, L (RUTKOWSKI, L)
Source: IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS Volume: 33 Issue: 8 Pages: 812-818 DOI: 10.1109/TCS.1986.1086001 Published: AUG 1986

Rafajłowicz, Ewaryst., Rafajłowicz, Wojciech.:

Control of linear extended nD systems with minimized sensitivity to parameter uncertainties. Multidimensional Systems and Signal Processing. 2013, vol. 24, nr 4, s. 637-656.

55. Title: A contrast maximization method for color-to-grayscale conversion
Author(s): Jin, ZM (Jin, Zhengmeng); Ng, MK (Ng, Michael K.)

Source: MULTIDIMENSIONAL SYSTEMS AND SIGNAL PROCESSING Volume: 26 Issue: 3 Pages: 869-877 DOI: 10.1007/s11045-014-0295-2 Published: JUL 2015

56. Title: Stability and stabilisation of linear multidimensional discrete systems in the frequency domain

Author(s): Li, LZ (Li, Lizhen); Xu, L (Xu, Li); Lin, ZP (Lin, Zhiping)

Source: INTERNATIONAL JOURNAL OF CONTROL Volume: 86 Issue: 11 Special Issue: SI Pages: 1969-1989 DOI: 10.1080/00207179.2013.823671 Published: NOV 1 2013

Rafałłowicz, Ewaryst., Rafałłowicz, Wojciech.:

(n+r)D systems and their control with reduced sensitivity to parametric uncertainties.

W: The 2011 7th International Workshop on Multidimensional (nD) Systems

[Dokument elektroniczny], September 5th - September 7th, 2011, Poitiers, France / eds. O.

Bachelier, K. Galkowski, E. Rogers. Piscataway, NJ : IEEE, cop. 2011. s. 1-4.

57. Title: Robust stability of hybrid Roesser models against parametric uncertainty: a general approach

Author(s): Ghamgui, M (Ghamgui, Mariem); Yeganefar, N (Yeganefar, Nima); Bachelier, O (Bachelier, Olivier); Mehdi, D (Mehdi, Driss)

Source: MULTIDIMENSIONAL SYSTEMS AND SIGNAL PROCESSING Volume: 24 Issue: 4 Special Issue: SI Pages: 667-684 DOI: 10.1007/s11045-012-0213-4 Published: DEC 2013

Rafałłowicz, Ewaryst., Pawlak, Mirosław., Steland, Ansgar.:

Nonparametric sequential change-point detection by a vertically trimmed box method.

IEEE Transactions on Information Theory. 2010, vol. 56, nr 7, s. 3621-3634.

58. Title: Estimation of a jump point in random design regression

Author(s): Kohler, M (Kohler, Michael); Krzyzak, A (Krzyzak, Adam)

Source: STATISTICS & PROBABILITY LETTERS Volume: 106 Pages: 247-255 DOI: 10.1016/j.spl.2015.07.009 Published: NOV 2015

59. Title: Structural breaks in time series

Author(s): Aue, A (Aue, Alexander); Horvath, L (Horvath, Lajos)

Source: JOURNAL OF TIME SERIES ANALYSIS Volume: 34 Issue: 1 Pages: 1-16 DOI: 10.1111/j.1467-9892.2012.00819.x Published: JAN 2013

60. Title: Nonparametric Sequential Monitoring

Author(s): Huskova, M (Huskova, Marie); Hlavka, Z (Hlavka, Zdenek)

Source: SEQUENTIAL ANALYSIS-DESIGN METHODS AND APPLICATIONS Volume: 31 Issue: 3 Special Issue: SI Pages: 278-296 DOI: 10.1080/07474946.2012.694345 Published: 2012

61. Title: Automatic and Unsupervised Snore Sound Extraction From Respiratory Sound Signals

Author(s): Azarbarzin, A (Azarbarzin, Ali); Moussavi, ZMK (Moussavi, Zahra M. K.)

Source: IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING Volume: 58 Issue: 5 Pages: 1156-1162 DOI: 10.1109/TBME.2010.2061846 Published: MAY 2011

62. Title: Unsupervised Classification of Respiratory Sound Signal into Snore/No-Snore classes

Author(s): Azarbarzin, A (Azarbarzin, Ali); Moussavi, Z (Moussavi, Zahra)

Book Group Author(s): IEEE

Source: 2010 ANNUAL INTERNATIONAL CONFERENCE OF THE IEEE ENGINEERING IN MEDICINE AND BIOLOGY SOCIETY (EMBC) Book Series: IEEE Engineering in Medicine and Biology Society Conference Proceedings Pages: 3666-3669 DOI: 10.1109/IEMBS.2010.5627650 Published: 2010

Rafajłowicz, Ewaryst., Skubalska-Rafajłowicz, Ewa.:

RBF nets for approximating an object's boundary by image random sampling.

Nonlinear Analysis, Theory, Methods & Applications. Series A, Theory and Methods. 2009, vol. 71, nr 12, s. e1247-e1254.

63. Title: NON-DESTRUCTIVE EVALUATION OF THE PULL-OFF ADHESION OF CONCRETE FLOOR LAYERS USING RBF NEURAL NETWORK

Author(s): Sadowski, L (Sadowski, Lukasz)

Source: JOURNAL OF CIVIL ENGINEERING AND MANAGEMENT Volume: 19 Issue: 4 Pages: 550-560

DOI: 10.3846/13923730.2013.790838 Published: 2013

Rafajłowicz, Ewaryst., Steland, Ansgar.:

A binary control chart to detect small jumps.

Statistics [Dokument elektroniczny]. 2009, vol. 43, nr 3, s. 295-311.

64. Title: M-Procedures for Detection of Changes for Dependent Observations

Author(s): Huskova, M (Huskova, Marie); Marusiakova, M (Marusiakova, Miriam)

Source: COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION Volume: 41 Issue: 7

Special Issue: SI Pages: 1032-1050 DOI: 10.1080/03610918.2012.625790 Published: 2012

65. Title: Optimum design of a new VSS-NP chart with adjusting sampling inspection

Author(s): Zhou, WH (Zhou, Wenhui); Lian, ZT (Lian, Zhaotong)

Source: INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS Volume: 129 Issue: 1 Pages: 8-13

DOI: 10.1016/j.ijpe.2010.07.045 Published: JAN 2011

Rafajłowicz, Ewaryst., Rafajłowicz, Wojciech., Rusiecki, Andrzej.: Algorytmy przetwarzania obrazów i wstęp do pracy z biblioteką Open CV / Wrocław : Oficyna Wydawnicza Politechniki Wrocławskiej, 2009. 168, [1] s. :

66. Title: LASER TRIANGULATION IN 3-DIMENSIONAL GRANULOMETRIC ANALYSIS

Author(s): Heyduk, A (Heyduk, Adam)

Source: ARCHIVES OF MINING SCIENCES Volume: 61 Issue: 1 Pages: 15-27 DOI: 10.1515/amsc-

2016-0002 Published: 2016

Rafajłowicz, Ewaryst., Pawlak, Mirosław., Steland, Ansgar.:

Nonlinear image processing and filtering: a unified approach based on vertically weighted regression.

International Journal of Applied Mathematics and Computer Science. 2008, vol. 18, nr 1, s. 49-61.

67. Title: Information theory inspired weighted immune classification algorithm

Author(s): Morkowski, M (Morkowski, Maciej); Nowicki, R (Nowicki, Robert)

Edited by: Rutkowski L; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING - ICAISC 2008, PROCEEDINGS Book Series:

LECTURE NOTES IN ARTIFICIAL INTELLIGENCE Volume: 5097 Pages: 652-660 Published: 2008

Rafajłowicz, Ewaryst., Wnuk, Marek., Rafajłowicz, Wojciech.:

Local detection of defects from image sequences.

International Journal of Applied Mathematics and Computer Science. 2008, vol. 18, nr 4, s. 581-592.

68. Title: Defect detection in slab surface: A novel dual charge-coupled device imaging-based fuzzy connectedness strategy
 Author(s): Zhao, LM (Zhao, Liming); Ouyang, Q (Ouyang, Qi); Chen, DF (Chen, Dengfu); Udupa, JK (Udupa, Jayaram K.); Wang, HQ (Wang, Huiqian); Zeng, YB (Zeng, Yuebin)
 Source: REVIEW OF SCIENTIFIC INSTRUMENTS Volume: 85 Issue: 11 Article Number: 115004 DOI: 10.1063/1.4901222 Published: NOV 2014
69. Title: HAND GESTURE RECOGNITION BASED ON FREE-FORM CONTOURS AND PROBABILISTIC INFERENCE
 Author(s): Kasprzak, W (Kasprzak, Włodzimierz); Wilkowski, A (Wilkowski, Artur); Czapnik, K (Czapnik, Karol)
 Source: INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE Volume: 22 Issue: 2 Pages: 437-448 DOI: 10.2478/v10006-012-0033-6 Published: JUN 2012
70. Title: EXPERIMENTAL STUDY ON WORKING POINT FOR SURFACE DEFECTS INSPECTION OF CONTINUOUS CASTING SLAB BY PEC TECHNOLOGY
 Author(s): Ouyang, Q (Ouyang, Qi); Li, WH (Li, WanHong); Zhang, XL (Zhang, XingLan)
 Source: METALURGIA INTERNATIONAL Volume: 17 Issue: 10 Pages: 24-30 Published: 2012
71. Title: Surface defects inspection method in hot slab continuous casting process
 Author(s): Zhao, LM (Zhao, L. M.); Ouyang, Q (Ouyang, Q.); Chen, DF (Chen, D. F.); Wen, LY (Wen, L. Y.)
 Source: IRONMAKING & STEELMAKING Volume: 38 Issue: 6 Pages: 464-470 DOI: 10.1179/1743281211Y.0000000025 Published: AUG 2011
72. Title: A Method Study of Recognizing the Defect Type for the Continuous Casting Slab by Pulsed Eddy Current
 Author(s): Ouyang, Q (Ouyang, Qi); Zhang, LZ (Zhang, Lizhi); Zhao, LM (Zhao, Liming); Li, WH (Li, Wanhong); Peng, S (Peng, Song)
 Edited by: Cao Z; Sun L; Cao XQ; He YH
 Source: FUNDAMENTAL OF CHEMICAL ENGINEERING, PTS 1-3 Book Series: Advanced Materials Research Volume: 233-235 Pages: 2424-2427 DOI: 10.4028/www.scientific.net/AMR.233-235.2424 Part: 1-3 Published: 2011
73. Title: PARALLEL IMPLEMENTATION OF LOCAL THRESHOLDING IN MITRION-C
 Author(s): Kryjak, T (Kryjak, Tomasz); Gorgon, M (Gorgon, Marek)
 Source: INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE Volume: 20 Issue: 3 Pages: 571-580 DOI: 10.2478/v10006-010-0042-2 Published: SEP 2010
- Rafajłowicz, Ewaryst.:**
SUSAN edge detector reinterpreted, simplified and modified.
W: Proceedings of the 2007 International Workshop on Multidimensional (nD) Systems. nDS 2007 [Dokument elektroniczny], Aveiro, Portugal, June 27-29, 2007. [Piscataway, NJ] : IEEE, cop. 2007. [6] s.
74. Title: Shape Description and Matching Using Integral Invariants on Eccentricity Transformed Images
 Author(s): Janan, F (Janan, Faraz); Brady, M (Brady, Michael)
 Source: INTERNATIONAL JOURNAL OF COMPUTER VISION Volume: 113 Issue: 2 Pages: 92-112 DOI: 10.1007/s11263-014-0773-x Published: JUN 2015
75. Title: Nonlocal-means-based smallest univalue segment assimilating nucleus edge detector
 Author(s): Zhan, Y (Zhan, Yi); Ding, MY (Ding, Mingyue); Zhang, XM (Zhang, Xuming)

Source: JOURNAL OF ELECTRONIC IMAGING Volume: 22 Issue: 1 Article Number: 013023 DOI: 10.1117/1.JEI.22.1.013023 Published: JAN-MAR 2013

76. Title: Cylindrical panoramic mosaicing from a pipeline video through MRF based optimization
Author(s): Niu, C (Niu, Chuan); Zhong, F (Zhong, Fan); Xu, SH (Xu, Songhua); Yang, CL (Yang, Chenglei); Qin, XY (Qin, Xueying)

Source: VISUAL COMPUTER Volume: 29 Issue: 4 Special Issue: SI Pages: 253-263 DOI: 10.1007/s00371-012-0763-3 Published: APR 2013

77. Title: Fast SUSAN edge detector by adapting step-size

Author(s): Qu, ZG (Qu, Zhi-guo); Wang, P (Wang, Peng); Gao, YH (Gao, Ying-hui); Wang, P (Wang, Ping); Shen, ZK (Shen, Zhen-kang)

Source: OPTIK Volume: 124 Issue: 8 Pages: 747-750 DOI: 10.1016/j.ijleo.2012.01.026 Published: 2013

78. Title: Research of Sorting Technology based on Industrial Robot of Machine Vision Image processing and machine vision

Author(s): Liu, ZY (Liu Zhen-yu); Zhao, B (Zhao Bin); Zhu, HB (Zhu Hai-bo)

Book Group Author(s): IEEE

Source: 2012 FIFTH INTERNATIONAL SYMPOSIUM ON COMPUTATIONAL INTELLIGENCE AND DESIGN (ISCID 2012), VOL 1 Book Series: International Symposium on Computational Intelligence and Design Pages: 57-61 DOI: 10.1109/ISCID.2012.23 Published: 2012

79. Title: Randomized SUSAN edge detector

Author(s): Qu, ZG (Qu, Zhi-Guo); Wang, P (Wang, Ping); Gao, YH (Gao, Ying-Hui); Wang, P (Wang, Peng)

Source: OPTICAL ENGINEERING Volume: 50 Issue: 11 Article Number: 110502 DOI: 10.1117/1.3647520 Published: NOV 2011

Rafajłowicz, Ewaryst.:

RBF nets in faults localization.

Lecture Notes in Computer Science. Lecture Notes in Artificial Intelligence. 2006, vol. 4029, s. 113-122.

80. Title: RANDOM PROJECTION RBF NETS FOR MULTIDIMENSIONAL DENSITY ESTIMATION

Author(s): Skubalska-Rafajlowicz, E (Skubalska-Rafajlowicz, Ewa)

Source: INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE Volume: 18 Issue: 4 Pages: 455-464 DOI: 10.2478/v10006-008-0040-9 Published: DEC 2008

Rafajłowicz, Ewaryst., Schwabe, Rainer.:

Halton and Hammersley sequences in multivariate nonparametric regression.

Statistics and Probability Letters. 2006, vol. 76, nr 8, s. 803-812.

81. Title: Orthogonal Series Estimation of Regression Functions in Nonstationary Conditions

Author(s): Galkowski, T (Galkowski, Tomasz); Pawlak, M (Pawlak, Mirosław)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 9119 Pages: 427-435 DOI: 10.1007/978-3-319-19324-3_39 Published: 2015

82. Title: Nonparametric Extension of Regression Functions Outside Domain

Author(s): Galkowski, T (Galkowski, Tomasz); Pawlak, M (Pawlak, Mirosław)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING ICAISC 2014, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 8467 Pages: 518-530 Published: 2014

83. Title: Nonparametric Function Fitting in the Presence of Nonstationary Noise
Author(s): Galkowski, T (Galkowski, Tomasz); Pawlak, M (Pawlak, Mirosław)
Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM
Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING ICAISC 2014, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 8467 Pages: 531-538 Published: 2014

84. Title: A New Method of Centers Location in Gaussian RBF Interpolation Networks
Author(s): Bazan, M (Bazan, Marek); Skubalska-Rafajłowicz, E (Skubalska-Rafajłowicz, Ewa)
Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM
Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 7894 Pages: 20-31 Published: 2013

85. Title: Kernel Estimation of Regression Functions in the Boundary Regions
Author(s): Galkowski, T (Galkowski, Tomasz)
Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM
Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT II Book Series: Lecture Notes in Artificial Intelligence Volume: 7895 Pages: 158-166 Published: 2013

86. Title: RELIABILITY ANALYSIS OF REINFORCED CONCRETE (RC) PLATES AND SHELLS
Author(s): Sitaram, P (Sitaram, Pattabhi); Kaul, S (Kaul, Sudhir)
Book Group Author(s): ASME
Source: INTERNATIONAL MECHANICAL ENGINEERING CONGRESS AND EXPOSITION - 2012, VOL 11
Pages: 251-256 Published: 2013

87. Title: Monte Carlo Method for the Uncertainty Evaluation of Spatial Straightness Error Based on New Generation Geometrical Product Specification
Author(s): Wen, XL (Wen Xiulan); Xu, YX (Xu Youxiong); Li, HS (Li Hongsheng); Wang, FL (Wang Fenglin); Sheng, DH (Sheng Danghong)
Source: CHINESE JOURNAL OF MECHANICAL ENGINEERING Volume: 25 Issue: 5 Pages: 875-881 DOI: 10.3901/CJME.2012.05.875 Published: SEP 2012

88. Title: Enhancing the search ability of differential evolution through orthogonal crossover
Author(s): Wang, Y (Wang, Yong); Cai, ZX (Cai, Zixing); Zhang, QF (Zhang, Qingfu)
Source: INFORMATION SCIENCES Volume: 185 Issue: 1 Pages: 153-177 DOI: 10.1016/j.ins.2011.09.001 Published: FEB 15 2012

89. Title: AN EXPLORATORY OPTIMIZATION PLUS KALMAN FILTERING BASED METHOD FOR PARAMETER ESTIMATION IN MODEL BASED DIAGNOSTICS
Author(s): Rengarajan, SB (Rengarajan, Sankar B.); Bryant, MD (Bryant, Michael D.); Choi, J (Choi, Jaewon)
Book Group Author(s): ASME
Source: PROCEEDINGS OF THE ASME DYNAMIC SYSTEMS AND CONTROL CONFERENCE AND BATH/ASME SYMPOSIUM ON FLUID POWER AND MOTION CONTROL (DSCC 2011), VOL 1 Pages: 417-424 Published: 2012

90. Title: Influence of the parallel nonlinearity on zonal flows and heat transport in global gyrokinetic particle-in-cell simulations
Author(s): Jolliet, S (Jolliet, S.); McMillan, BF (McMillan, B. F.); Vernay, T (Vernay, T.); Villard, L (Villard, L.); Hatzky, R (Hatzky, R.); Bottino, A (Bottino, A.); Angelino, P (Angelino, P.)

Source: PHYSICS OF PLASMAS Volume: 16 Issue: 7 Article Number: 072309 DOI: 10.1063/1.3174433 Published: JUL 2009

91. Title: DESIGN AND ANALYSIS OF SIMULATION EXPERIMENTS
Author(s): Kleijnen, JPC (Kleijnen, Jack P. C.)
Source: DESIGN AND ANALYSIS OF SIMULATION EXPERIMENTS Book Series: International Series in Operations Research & Management Science
Pages: 1-216 Published: 2008

Rafajłowicz, Ewaryst.:
Optymalizacja eksperymentu z zastosowaniami w monitorowaniu jakości produkcji.
Wrocław : Oficyna Wydaw. PWroc., 2005.

92. Title: Optimal Sensor Networks Scheduling in Identification of Distributed Parameter Systems
Author(s): Patan, M (Patan, M)
Source: OPTIMAL SENSOR NETWORKS SCHEDULING IN IDENTIFICATION OF DISTRIBUTED PARAMETER SYSTEMS Book Series: Lecture Notes in Control and Information Sciences Volume: 425 Pages: 1-289
DOI: 10.1007/978-3-642-28230-0 Published: 2012

Rafajłowicz, Ewaryst.:
Testing (non-) existence of input-output relationships by estimating fractal dimensions.
IEEE Transactions on Signal Processing. 2004, vol. 52, nr 11, s. 3151-3159.

93. Title: Compound method of time series classification
Author(s): Korus, L (Korus, Lukasz); Piorek, M (Piorek, Michal)
Source: NONLINEAR ANALYSIS-MODELLING AND CONTROL Volume: 20 Issue: 4 Pages: 545-560
Published: 2015

94. Title: MANIFOLD INDEXED FRACTIONAL FIELDS
Author(s): Istas, J (Istas, Jacques)
Source: ESAIM-PROBABILITY AND STATISTICS Volume: 16 Pages: 222-276 DOI: 10.1051/ps/2011106
Published: SEP 2012

95. Title: Switching Strategies for Sequential Decision Problems With Multiplicative Loss With Application to Portfolios
Author(s): Kozat, SS (Kozat, Suleyman S.); Singer, AC (Singer, Andrew C.)
Source: IEEE TRANSACTIONS ON SIGNAL PROCESSING Volume: 57 Issue: 6 Pages: 2192-2208 DOI: 10.1109/TSP.2009.2013906 Published: JUN 2009

Rafajłowicz, Ewaryst., Pawlak, Mirosław.:
Optimization of centers' positions for RBF nets with generalized kernels.
Artificial intelligence and soft computing - ICAISC 2004. 7th International conference. Proceedings, Zakopane, June 7-11, 2004 / Leszek Rutkowski [i in.] (eds). Berlin [i in.] : Springer, cop. 2004. s. 253-259.

96. Title: Improving the performance and accuracy of time series modeling based on autonomic computing systems
Author(s): de Mello, RF (de Mello, Rodrigo Fernandes)
Source: JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING Volume: 2 Issue: 1
Pages: 11-33 DOI: 10.1007/s12652-010-0028-9 Published: MAR 2011

Rafajłowicz, Ewaryst., Schwabe, Rainer.:

Equidistributed designs in nonparametric regression.
Statistica Sinica. 2003, vol. 13, nr 1, s. 129-142.

97. Title: Optimum design of experiments for statistical inference -
Author(s): Gilmour, SG (Gilmour, Steven G.); Trinca, LA (Trinca, Luzia A.)
Source: JOURNAL OF THE ROYAL STATISTICAL SOCIETY SERIES C-APPLIED STATISTICS Volume: 61
Pages: 345-369 DOI: 10.1111/j.1467-9876.2011.01000.x Part: Part 3 Published: 2012

98. Title: Nonparametric System Identification
Author(s): Greblicki, W (Greblicki, W); Pawlak, M (Pawlak, M)
Source: NONPARAMETRIC SYSTEM IDENTIFICATION Pages: 1-390 DOI: 10.1017/CBO9780511536687
Published: 2008

99. Title: Global optimization with multivariate adaptive regression splines
Author(s): Crino, S (Crino, Scott); Brown, DE (Brown, Donald E.)
Source: IEEE TRANSACTIONS ON SYSTEMS MAN AND CYBERNETICS PART B-CYBERNETICS Volume: 37
Issue: 2 Pages: 333-340 DOI: 10.1109/TSMCB.2006.883430 Published: APR 2007

100. Title: A system for LEASE: Location Estimation Assisted by Stationary Emitters for Indoor RF
Wireless Networks
Author(s): Krishnan, P (Krishnan, P); Krishnakumar, AS (Krishnakumar, AS); Ju, WH (Ju, WH); Mallows,
C (Mallows, C); Ganu, S (Ganu, S)
Source: IEEE INFOCOM 2004: THE CONFERENCE ON COMPUTER COMMUNICATIONS, VOLS 1-4,
PROCEEDINGS Book Series: IEEE INFOCOM SERIES Pages: 1001-1011 Published: 2004

Rafajłowicz, Ewaryst.:

**Repeated least squares with inversion and its application in identifying linear distributed-
parameter systems.**

International Journal of Systems Science. 2000, vol. 31, nr 8, s. 1003-1010.

101. Title: Simultaneous estimation of heat transfer coefficient and thermal conductivity with
application to microelectronic materials
Author(s): Zawada, T (Zawada, T)
Source: MICROELECTRONICS JOURNAL Volume: 37 Issue: 4 Pages: 340-352 DOI:
10.1016/j.mejo.2005.04.052 Published: APR 2006

Rafajłowicz, Ewaryst.:

Learning of context dependent neural nets.

**W: Neural networks and their applications. Proceedings of the fourth conference, Zakopane, 18-22
V 1999 / Eds L. Rutkowski, R. Tadeusiewicz. Częstochowa : Pol. Neural Netw. Soc., 1999. s. 551-556.**

102. Title: Efficient learning of contextual mappings by context-dependent neural nets
Author(s): Ciskowski, P (Ciskowski, P)
Edited by: Bubak M; VanAlbada GD; Slood PMA; Dongarra JJ
Source: COMPUTATIONAL SCIENCE - ICCS 2004, PT 2, PROCEEDINGS Book Series: LECTURE NOTES IN
COMPUTER SCIENCE Volume: 3037 Pages: 196-203 Published: 2004

103. Title: Contextual modeling using context-dependent feedforward neural nets
Author(s): Ciskowski, P (Ciskowski, P)
Edited by: Blackburn P; Ghidini C; Turner RM; Giunchiglia F
Source: MODELING AND USING CONTEXT, PROCEEDINGS Book Series: LECTURE NOTES IN ARTIFICIAL
INTELLIGENCE Volume: 2680 Pages: 435-442 Published: 2003

104. Title: VC-dimension of a context-dependent Perceptron
Author(s): Ciskowski, P (Ciskowski, P)
Edited by: Akman V; Bouquet P; Thomason R; Young RA
Source: MODELING AND USING CONTEXT, PROCEEDINGS Book Series: LECTURE NOTES IN ARTIFICIAL INTELLIGENCE Volume: 2116 Pages: 429-432 Published: 2001

Rafajłowicz, Ewaryst.:

Context dependent neural nets – examples.

W: Neural networks and their applications. Proceedings of the fourth conference, Zakopane, 18-22 V 1999/Eds L. Rutkowski, R. Tadeusiewicz. Częstochowa : Pol. Neural Netw. Soc., 1999. s. 557-562.

105. Title: Efficient learning of contextual mappings by context-dependent neural nets
Author(s): Ciskowski, P (Ciskowski, P)
Edited by: Bubak M; VanAlbada GD; Sloot PMA; Dongarra JJ
Source: COMPUTATIONAL SCIENCE - ICCS 2004, PT 2, PROCEEDINGS Book Series: LECTURE NOTES IN COMPUTER SCIENCE Volume: 3037 Pages: 196-203 Published: 2004

106. Title: Contextual modeling using context-dependent feedforward neural nets
Author(s): Ciskowski, P (Ciskowski, P)
Edited by: Blackburn P; Ghidini C; Turner RM; Giunchiglia F
Source: MODELING AND USING CONTEXT, PROCEEDINGS Book Series: LECTURE NOTES IN ARTIFICIAL INTELLIGENCE Volume: 2680 Pages: 435-442 Published: 2003

107. Title: VC-dimension of a context-dependent Perceptron
Author(s): Ciskowski, P (Ciskowski, P)
Edited by: Akman V; Bouquet P; Thomason R; Young RA
Source: MODELING AND USING CONTEXT, PROCEEDINGS Book Series: LECTURE NOTES IN ARTIFICIAL INTELLIGENCE Volume: 2116 Pages: 429-432 Published: 2001

Rafajłowicz, Ewaryst., Skubalska-Rafajłowicz, Ewa.:

Nonparametric regression estimation by Bernstein-Durrmeyer polynomials.

Tatra Mountains Mathematical Publications. 1999, vol. 17, s. 227-239.

108. Title: Efficient and robust density estimation using Bernstein type polynomials
Author(s): Guan, Z (Guan, Zhong)
Source: JOURNAL OF NONPARAMETRIC STATISTICS Volume: 28 Issue: 2 Pages: 250-271 DOI: 10.1080/10485252.2016.1163349 Published: JUN 2016

109. Title: Nonparametric estimation of non-stationary velocity fields from 3D particle tracking velocimetry data
Author(s): Kohler, M (Kohler, Michael); Krzyzak, A (Krzyzak, Adam)
Source: COMPUTATIONAL STATISTICS & DATA ANALYSIS Volume: 56 Issue: 6 Pages: 1566-1580 DOI: 10.1016/j.csda.2011.09.025 Published: JUN 2012

Rafajłowicz, Ewaryst.:

Consistency of orthogonal series density estimators based on grouped observations.

IEEE Transactions on Information Theory. 1997, vol. 43, nr 1, s. 283-285.

110. Title: Adaptive Density Estimation From Data With Small Measurement Errors
Author(s): Felber, T (Felber, Tina); Kohler, M (Kohler, Michael); Krzyzak, A (Krzyzak, Adam)

Source: IEEE TRANSACTIONS ON INFORMATION THEORY Volume: 61 Issue: 6 Pages: 3446-3456 DOI: 10.1109/TIT.2015.2421297 Published: JUN 2015

111. Title: On density estimation with superkernels

Author(s): Ushakov, N (Ushakov, Nikolai); Ushakova, A (Ushakova, Anastasia)

Source: JOURNAL OF NONPARAMETRIC STATISTICS Volume: 24 Issue: 3 Pages: 613-627 DOI: 10.1080/10485252.2012.688969 Published: 2012

112. Title: Kernel density estimation with generalized binning

Author(s): Pawlak, M (Pawlak, M); Stadtmuller, U (Stadtmuller, U)

Source: SCANDINAVIAN JOURNAL OF STATISTICS Volume: 26 Issue: 4 Pages: 539-561 DOI: 10.1111/1467-9469.00167 Published: DEC 1999

Rafajłowicz, Ewaryst., Pawlak, Mirosław.:

On function recovery by neural networks based on orthogonal expansions //

Nonlinear Analysis, Theory, Methods & Applications. 1997, vol. 30, nr 3, s. 1343-1354.

113. Title: A method to improve the performance of multilayer perceptron by utilizing various activation functions in the last hidden layer and the least squares method

Author(s): Halawa, K (Halawa, Krzysztof)

Source: NEURAL PROCESSING LETTERS Volume: 34 Issue: 3 Pages: 293-303 DOI: 10.1007/s11063-011-9199-4 Published: DEC 2011

114. Title: REGULARIZATION OF ORTHOGONAL NEURAL NETWORKS USING FRACTIONAL DERIVATIVES

Author(s): Halawa, K (Halawa, Krzysztof)

Edited by: Tan T; Zhou M; Wang Y

Source: 2009 IEEE YOUTH CONFERENCE ON INFORMATION, COMPUTING AND TELECOMMUNICATION, PROCEEDINGS Pages: 74-77 DOI: 10.1109/YCICT.2009.5382425 Published: 2009

115. Title: TRAINING FOURIER SERIES NEURAL NETWORKS TO MAP CLOSED CURVES

Author(s): Halawa, K (Halawa, Krzysztof)

Edited by: Dourado A; Rosa A; Madani K

Source: IJCCI 2009: PROCEEDINGS OF THE INTERNATIONAL JOINT CONFERENCE ON COMPUTATIONAL INTELLIGENCE Pages: 526-529 Published: 2009

116. Title: Fast and robust way of learning the Fourier series neural networks on the basis of multidimensional discrete Fourier transform

Author(s): Halawa, K (Halawa, Krzysztof)

Edited by: Rutkowski L; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING - ICAISC 2008, PROCEEDINGS Book Series: LECTURE NOTES IN ARTIFICIAL INTELLIGENCE Volume: 5097 Pages: 62-70 Published: 2008

117. Title: Determining the weights of a Fourier series neural network on the basis of the multidimensional discrete Fourier transform

Author(s): Halawa, K (Halawa, Krzysztof)

Source: INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE Volume: 18 Issue: 3 Pages: 369-375 DOI: 10.2478/v10006-008-0033-8 Published: SEP 2008

118. Title: Optimization of learning process for Fourier series neural networks using gradient descent algorithm

Author(s): Halawa, K (Halawa, Krzysztof)

Source: PRZEGLAD ELEKTROTECHNICZNY Volume: 84 Issue: 6 Pages: 128-130 Published: 2008

Rafajłowicz, Ewaryst.:

Algorytmy planowania eksperymentu z implementacjami w środowisku.

Mathematica / Warszawa : Akademicka Oficyna Wydaw. PLJ, 1996..

119. Title: Optimal spatial sampling scheme for parameter estimation of nonlinear distributed parameter systems

Author(s): Alana, JE (Alana, Jorge E.); Theodoropoulos, C (Theodoropoulos, Constantinos)

Source: COMPUTERS & CHEMICAL ENGINEERING Volume: 45 Pages: 38-49 DOI:

10.1016/j.compchemeng.2012.04.014 Published: OCT 12 2012

120. Title: Optimal Sensor Networks Scheduling in Identification of Distributed Parameter Systems

Author(s): Patan, M (Patan, M)

Source: OPTIMAL SENSOR NETWORKS SCHEDULING IN IDENTIFICATION OF DISTRIBUTED PARAMETER SYSTEMS Book Series: Lecture Notes in Control and Information Sciences Volume: 425 Pages: 1-289

DOI: 10.1007/978-3-642-28230-0 Published: 2012

121. Title: Optimal Mobile Sensing and Actuation Policies in Cyber-physical Systems

Author(s): Tricaud, C (Tricaud, Christophe); Chen, YQ (Chen, YangQuan)

Source: OPTIMAL MOBILE SENSING AND ACTUATION POLICIES IN CYBER-PHYSICAL SYSTEMS Pages:

1-+ DOI: 10.1007/978-1-4471-2262-3_2 Published: 2012

122. Title: The boundary optimum experimental design problem for linear distributed parameter systems

Author(s): Szewczyk, D (Szewczyk, Dariusz)

Source: PRZEGLAD ELEKTROTECHNICZNY Volume: 86 Issue: 3 Pages: 256-261 Published: 2010

123. Title: D-optimal trajectory design of heterogeneous mobile sensors for parameter estimation of distributed systems

Author(s): Tricaud, C (Tricaud, Christophe); Patan, M (Patan, Maciej); Ucinski, D (Ucinski, Dariusz); Chen, Y (Chen, YangQuan)

Book Group Author(s): IEEE

Source: 2008 AMERICAN CONTROL CONFERENCE, VOLS 1-12 Book Series: PROCEEDINGS OF THE AMERICAN CONTROL CONFERENCE Pages: 663-668 DOI: 10.1109/ACC.2008.4586568 Published: 2008

124. Title: Fast and robust way of learning the Fourier series neural networks on the basis of multidimensional discrete Fourier transform

Author(s): Halawa, K (Halawa, Krzysztof)

Editor(s): Rutkowski L; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING - ICAISC 2008, PROCEEDINGS Book Series: LECTURE NOTES IN ARTIFICIAL INTELLIGENCE Volume: 5097 Pages: 62-70 Published: 2008

125. Title: Parallel processing in discrimination between models of dynamic systems

Author(s): Kuczewski, B (Kuczewski, Bartosz); Baranowski, P (Baranowski, Przemyslaw); Ucinski, D (Ucinski, Dariusz)

Editor(s): Wyrzykowski R; Dongarra J; Meye N; Wasniewski J

Source: PARALLEL PROCESSING AND APPLIED MATHEMATICS Book Series: LECTURE NOTES IN COMPUTER SCIENCE Volume: 3911 Pages: 340-348 Published: 2006

126. Title: Discrimination between models of distributed parameter systems using T-optimum experimental design
 Author(s): Kuczewski, B (Kuczewski, B); Patan, M (Patan, M); Ucinski, D (Ucinski, D)
 Edited by: Wyrzykowski R; Dongarra J; Paprzycki M; Wasniewski J
 Source: PARALLEL PROCESSING AND APPLIED MATHEMATICS Book Series: Lecture Notes in Computer Science Volume: 3019 Pages: 762-769 Published: 2004
127. Title: Teaching the experimental design. Lecture and exercises
 Author(s): Rozycki, C (Rozycki, C); Synoradzki, L (Synoradzki, L)
 Source: PRZEMYSŁ CHEMICZNY Volume: 82 Issue: 8-9 Pages: 1342-1344 Part: 2 Published: AUG-SEP 2003
128. Title: Response surface methodology at irregular grids based on Voronoi scheme with neural network approximator
 Author(s): Pietraszek, J (Pietraszek, J)
 Edited by: Rutkowski L; Kacprzyk J
 Source: NEURAL NETWORKS AND SOFT COMPUTING Book Series: ADVANCES IN SOFT COMPUTING Pages: 250-255 Published: 2003
129. Title: Optimal location of sensors for parameter estimation of static distributed systems
 Author(s): Patan, M (Patan, M); Ucinski, D (Ucinski, D)
 Edited by: Wyrzykowski R; Dongarra J; Paprzycki M; Wasniewski J
 Source: PARALLEL PROCESSING APPLIED MATHEMATICS Book Series: LECTURE NOTES IN COMPUTER SCIENCE Volume: 2328 Pages: 729-737 Published: 2002

Rafajłowicz, Ewaryst.:

**Linear systems identification from random threshold binary data.
 IEEE Transactions on Signal Processing. 1996, vol. 44, nr 8, s. 2064-2070.**

130. Title: Identification of FIR Systems Based on Quantized Output Measurements: A Quadratic Programming-Based Method
 Author(s): Wang, JD (Wang, Jiandong); Zhang, QH (Zhang, Qinghua)
 Source: IEEE TRANSACTIONS ON AUTOMATIC CONTROL Volume: 60 Issue: 5 Pages: 1439-1444 DOI: 10.1109/TAC.2014.2357133 Published: MAY 2015
131. Title: LIMBO self-test method using binary input and dithering signals
 Author(s): Bourgois, L (Bourgois, Laurent); Juillard, J (Juillard, Jerome)
 Edited by: Kuzle I; Capuder T; Pandzic H
 Source: 2013 IEEE EUROCON Pages: 2111-2115 Published: 2013
132. Title: Convergence analysis of an online approach to parameter estimation problems based on binary observations
 Author(s): Jafari, K (Jafari, Kian); Juillard, J (Juillard, Jerome); Roger, M (Roger, Morgan)
 Source: AUTOMATICA Volume: 48 Issue: 11 Pages: 2837-2842 DOI: 10.1016/j.automatica.2012.05.050 Published: NOV 2012
133. Title: Identification of Wiener Systems With Clipped Observations
 Author(s): Li, GQ (Li, Guoqi); Wen, CY (Wen, Changyun)
 Source: IEEE TRANSACTIONS ON SIGNAL PROCESSING Volume: 60 Issue: 7 Pages: 3845-3852 DOI: 10.1109/TSP.2012.2190404 Published: JUL 2012

134. Title: Convergence Analysis of an Online Approach to Parameter Estimation Problems Based on Binary Noisy Observations
 Author(s): Bourgois, L (Bourgois, Laurent); Juillard, J (Juillard, Jerome)
 Book Group Author(s): IEEE
 Source: 2012 IEEE 51ST ANNUAL CONFERENCE ON DECISION AND CONTROL (CDC) Book Series: IEEE Conference on Decision and Control Pages: 1506-1511 Published: 2012
135. Title: ESTIMATION QUALITY OF A WEIGHTED LEAST-SQUARE PARAMETER ESTIMATION METHOD BASED ON BINARY OBSERVATIONS
 Author(s): Juillard, J (Juillard, Jerome); Jafari, K (Jafari, Kian); Colinet, E (Colinet, Eric)
 Edited by: Kleijn B; Larsen J
 Source: 18TH EUROPEAN SIGNAL PROCESSING CONFERENCE (EUSIPCO-2010) Book Series: European Signal Processing Conference Volume: 18 Pages: 1043-1047 Published: 2010
136. Title: A Recursive System Identification Method Based on Binary Measurements
 Author(s): Jafari, K (Jafari, Kian); Juillard, J (Juillard, Jerome); Colinet, E (Colinet, Eric)
 Book Group Author(s): IEEE
 Source: 49TH IEEE CONFERENCE ON DECISION AND CONTROL (CDC) Book Series: IEEE Conference on Decision and Control Pages: 1154-1158 DOI: 10.1109/CDC.2010.5717798 Published: 2010
137. Title: A Weighted Least-Squares Approach to Parameter Estimation Problems Based on Binary Measurements
 Author(s): Colinet, E (Colinet, Eric); Juillard, J (Juillard, Jerome)
 Source: IEEE TRANSACTIONS ON AUTOMATIC CONTROL Volume: 55 Issue: 1 Pages: 148-152 DOI: 10.1109/TAC.2009.2033842 Published: JAN 2010
- Rafajłowicz, Ewaryst.:**
System identification from cheap qualitative output observations.
IEEE Transactions on Automatic Control. 1996, vol. 41, nr 9, s. 1381-1385.
138. Title: Fixed-order FIR approximation of linear systems from quantized input and output data
 Author(s): Cerone, V (Cerone, V.); Piga, D (Piga, D.); Regruto, D (Regruto, D.)
 Source: SYSTEMS & CONTROL LETTERS Volume: 62 Issue: 12 Pages: 1136-1142 DOI: 10.1016/j.sysconle.2013.09.012 Published: DEC 2013
139. Title: ESTIMATION QUALITY OF A WEIGHTED LEAST-SQUARE PARAMETER ESTIMATION METHOD BASED ON BINARY OBSERVATIONS
 Author(s): Juillard, J (Juillard, Jerome); Jafari, K (Jafari, Kian); Colinet, E (Colinet, Eric)
 Edited by: Kleijn B; Larsen J
 Source: 18TH EUROPEAN SIGNAL PROCESSING CONFERENCE (EUSIPCO-2010) Book Series: European Signal Processing Conference Volume: 18 Pages: 1043-1047 Published: 2010
140. Title: A Recursive System Identification Method Based on Binary Measurements
 Author(s): Jafari, K (Jafari, Kian); Juillard, J (Juillard, Jerome); Colinet, E (Colinet, Eric)
 Book Group Author(s): IEEE
 Source: 49TH IEEE CONFERENCE ON DECISION AND CONTROL (CDC) Book Series: IEEE Conference on Decision and Control Pages: 1154-1158 DOI: 10.1109/CDC.2010.5717798 Published: 2010
141. Title: A Weighted Least-Squares Approach to Parameter Estimation Problems Based on Binary Measurements
 Author(s): Colinet, E (Colinet, Eric); Juillard, J (Juillard, Jerome)

Source: IEEE TRANSACTIONS ON AUTOMATIC CONTROL Volume: 55 Issue: 1 Pages: 148-152 DOI: 10.1109/TAC.2009.2033842 Published: JAN 2010

Rafajłowicz, Ewaryst.

Model free control charts for continuous time production processes.

Raporty Inst. Cybern. PWroc. 1996/p Ser. PRE /v nr 56

142. Title: Nonparametric monitoring of financial time series by jump-preserving control charts

Author(s): Steland, A (Steland, A)

Source: STATISTICAL PAPERS Volume: 43 Issue: 3 Pages: 401-422 DOI: 10.1007/s00362-002-0112-0

Published: JUL 2002

Rafajłowicz, Ewaryst., Mysza, Wojciech.:

Efficient algorithm for a class of least squares estimation problems.

IEEE Transactions on Automatic Control. 1994, vol. 39, nr 6, s. 1241-1243.

143. Title: A note on R-optimal designs for multi-factor models

Author(s): Liu, X (Liu, Xin); Yue, RX (Yue, Rong-Xian); Chatterjee, K (Chatterjee, Kashinath)

Source: JOURNAL OF STATISTICAL PLANNING AND INFERENCE Volume: 146 Pages: 139-144 DOI:

10.1016/j.jspi.2013.10.006 Published: MAR 2014

Rafajłowicz, Ewaryst.:

Non-parametric identification with errors in independent variables.

International Journal of Systems Science. 1994, vol. 25, nr 11, s. 2031-2038.

144. Title: Parametric Versus Nonparametric Approach to Wiener Systems Identification

Author(s): Mzyk, G (Mzyk, Grzegorz)

Edited by: Giri F; Bai EW

Source: BLOCK-ORIENTED NONLINEAR SYSTEM IDENTIFICATION Book Series: Lecture Notes in Control and Information Sciences Volume: 404 Pages: 111-125 Published: 2010

145. Title: A censored sample mean approach to nonparametric identification of nonlinearities
Wiener systems

Author(s): Mzyk, G (Mzyk, Grzegorz)

Source: IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS II-EXPRESS BRIEFS Volume: 54 Issue: 10

Pages: 897-901 DOI: 10.1109/TCSII.2007.901634 Published: OCT 2007

Rafajłowicz, Ewaryst.:

Fast algorithm for generating Bernstein-Bezier polynomials.

Journal of Computational and Applied Mathematics. 1994, vol. 51, s. 279-292.

146. Title: A review on approaches for handling Bezier curves in CAD for Manufacturing

Author(s): Fitter, HN (Fitter, Hetal N.); Pandey, AB (Pandey, Akash B.); Patel, DD (Patel, Divyang D.);

Mistry, JM (Mistry, Jitendra M.)

Edited by: Xavior MA; Yarlagadda PKDV

Source: 12TH GLOBAL CONGRESS ON MANUFACTURING AND MANAGEMENT (GCOMM - 2014) Book

Series: Procedia Engineering Volume: 97 Pages: 1155-1166 DOI: 10.1016/j.proeng.2014.12.394

Published: 2014

147. Title: Generalized neurofuzzy network modeling algorithms using Bezier-Bernstein polynomial
functions and additive decomposition

Author(s): Hong, X (Hong, X); Harris, CJ (Harris, CJ)

Source: IEEE TRANSACTIONS ON NEURAL NETWORKS Volume: 11 Issue: 4 Pages: 889-902 DOI: 10.1109/72.857770 Published: JUL 2000

Rafajłowicz, Ewaryst., Skubalska-Rafajłowicz, Ewa.:

FFT in calculating nonparametric regression estimate based on trigonometric series.

Applied Mathematics and Computer Science. 1993, vol. 3, nr 4, s. 713-720.

148. Title: Trigonometric regression estimation for observations with additive and multiplicative errors

Author(s): Popinski, W (Popinski, Waldemar)

Source: COMMUNICATIONS IN STATISTICS-THEORY AND METHODS Volume: 45 Issue: 3 Pages: 804-812 DOI: 10.1080/03610926.2013.851236 Published: 2016

149. Title: Determining the weights of a Fourier series neural network on the basis of the multidimensional discrete Fourier transform

Author(s): Halawa, K (Halawa, Krzysztof)

Source: INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE Volume: 18 Issue: 3 Pages: 369-375 DOI: 10.2478/v10006-008-0033-8 Published: SEP 2008

150. Title: Fast and robust way of learning the Fourier series neural networks on the basis of multidimensional discrete Fourier transform

Author(s): Halawa, K (Halawa, Krzysztof)

Edited by: Rutkowski L; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING - ICAISC 2008, PROCEEDINGS Book Series: LECTURE NOTES IN ARTIFICIAL INTELLIGENCE Volume: 5097 Pages: 62-70 Published: 2008

151. Title: Optimization of learning process for Fourier series neural networks using gradient descent algorithm

Author(s): Halawa, K (Halawa, Krzysztof)

Source: PRZEGLAD ELEKTROTECHNICZNY Volume: 84 Issue: 6 Pages: 128-130 Published: 2008

152. Title: Nonparametric System Identification

Author(s): Greblicki, W (Greblicki, W); Pawlak, M (Pawlak, M)

Source: NONPARAMETRIC SYSTEM IDENTIFICATION Pages: 1-390 DOI: 10.1017/CBO9780511536687 Published: 2008

Rafajłowicz, Ewaryst., Mysza, Wojciech.:

When product type experimental design is optimal? : Brief survey and new results.

Metrika. 1992, vol. 39, s. 321-333.

153. Title: A note on R-optimal designs for multi-factor models

Author(s): Liu, X (Liu, Xin); Yue, RX (Yue, Rong-Xian); Chatterjee, K (Chatterjee, Kashinath)

Source: JOURNAL OF STATISTICAL PLANNING AND INFERENCE Volume: 146 Pages: 139-144 DOI: 10.1016/j.jspi.2013.10.006 Published: MAR 2014

154. Title: Optimal design for additive partially nonlinear models

Author(s): Biedermann, S (Biedermann, S.); Dette, H (Dette, H.); Woods, DC (Woods, D. C.)

Source: BIOMETRIKA Volume: 98 Issue: 2 Pages: 449-458 DOI: 10.1093/biomet/asr001 Published: JUN 2011

155. Title: Design optimality in multi-factor generalized linear models in the presence of an unrestricted quantitative factor

- Author(s): Grasshoff, U (Grasshoff, Ulrike); Grossmann, H (Grossmann, Heiko); Holling, H (Holling, Heinz); Schwabe, R (Schwabe, Rainer)
Source: JOURNAL OF STATISTICAL PLANNING AND INFERENCE Volume: 137 Issue: 12 Pages: 3882-3893 DOI: 10.1016/j.jspi.2007.04.007 Published: DEC 1 2007
156. Title: A note on D-optimal designs for models with and without an intercept
Author(s): Li, KH (Li, KH); Lau, TS (Lau, TS); Zhang, CQ (Zhang, CQ)
Source: STATISTICAL PAPERS Volume: 46 Issue: 3 Pages: 451-458 DOI: 10.1007/BF02762844
Published: JUL 2005
157. Title: Optimal designs for main effects in linear paired comparison models
Author(s): Grasshoff, U (Grasshoff, U); Grossmann, H (Grossmann, H); Holling, H (Holling, H); Schwabe, R (Schwabe, R)
Source: JOURNAL OF STATISTICAL PLANNING AND INFERENCE Volume: 126 Issue: 1 Pages: 361-376
DOI: 10.1016/j.jspi.2003.07.005 Published: NOV 1 2004
158. Title: Criterion-robust optimal designs for model discrimination and parameter estimation:
Multivariate polynomial regression case
Author(s): Tsai, MH (Tsai, MH); Zen, MM (Zen, MM)
Source: STATISTICA SINICA Volume: 14 Issue: 2 Pages: 591-601 Published: APR 2004
159. Title: A new design criterion when heteroscedasticity is ignored
Author(s): Montepiedra, G (Montepiedra, G); Wong, WK (Wong, WK)
Source: ANNALS OF THE INSTITUTE OF STATISTICAL MATHEMATICS Volume: 53 Issue: 2 Pages: 418-426 DOI: 10.1023/A:1012435125788 Published: JUN 2001
160. Title: Efficient designs for paired comparisons with a polynomial factor
Author(s): Grossmann, H (Grossmann, H); Holling, H (Holling, H); Grasshoff, U (Grasshoff, U); Schwabe, R (Schwabe, R)
Edited by: Atkinson A; Bogacka B; Zhigljavsky A
Source: OPTIMUM DESIGN 2000 Book Series: NONCONVEX OPTIMIZATION AND ITS APPLICATIONS
Volume: 51 Pages: 45-56 Published: 2001
161. Title: Online calculation of efficient designs for multi-factor models
Author(s): Dette, H (Dette, H); Roeder, I (Roeder, I)
Source: BIOMETRICAL JOURNAL Volume: 42 Issue: 3 Pages: 349-362 DOI: 10.1002/1521-4036(200007)42:3<349::AID-BIMJ349>3.0.CO;2-N Published: 2000
162. Title: Efficiency bounds for product designs in linear models
Author(s): Schwabe, R (Schwabe, R); Wong, WK (Wong, WK)
Source: ANNALS OF THE INSTITUTE OF STATISTICAL MATHEMATICS Volume: 51 Issue: 4 Pages: 723-730 DOI: 10.1023/A:1004087314831 Published: DEC 1999
163. Title: Lattice-based D-optimum design for Fourier regression
Author(s): Riccomagno, E (Riccomagno, E); Schwabe, R (Schwabe, R); Wynn, HP (Wynn, HP)
Source: ANNALS OF STATISTICS Volume: 25 Issue: 6 Pages: 2313-2327 DOI: 10.1214/aos/1030741074 Published: DEC 1997
164. Title: Optimal discrimination designs for multifactor experiments
Author(s): Dette, H (Dette, H); Roder, I (Roder, I)
Source: ANNALS OF STATISTICS Volume: 25 Issue: 3 Pages: 1161-1175 Published: JUN 1997

165. Title: Optimal product designs for multivariate regression with missing terms
Author(s): Dette, H (Dette, H); Roder, I (Roder, I)
Source: SCANDINAVIAN JOURNAL OF STATISTICS Volume: 23 Issue: 2 Pages: 195-208 Published: JUN 1996

166. Title: Optimal designs for additive linear models
Author(s): Schwabe, R (Schwabe, R)
Source: STATISTICS Volume: 27 Issue: 3-4 Pages: 267-278 DOI: 10.1080/02331889708802531
Published: 1996

167. Title: D-OPTIMAL DESIGNS OF EXPERIMENTS WITH NONINTERACTING FACTORS
Author(s): SCHWABE, R (SCHWABE, R); WIERICH, W (WIERICH, W)
Source: JOURNAL OF STATISTICAL PLANNING AND INFERENCE Volume: 44 Issue: 3 Pages: 371-384
DOI: 10.1016/0378-3758(94)00052-W Published: APR 15 1995

168. Title: G-OPTIMAL DESIGNS FOR MULTIFACTOR EXPERIMENTS WITH HETEROSCEDASTIC ERRORS
Author(s): WONG, WK (WONG, WK)
Source: JOURNAL OF STATISTICAL PLANNING AND INFERENCE Volume: 40 Issue: 1 Pages: 127-133
DOI: 10.1016/0378-3758(94)90146-5 Published: JUN 1994

Rafajłowicz, Ewaryst.:

**Reduction of distributed systems identification complexity using intelligent sensors.
International Journal of Control. 1989, vol. 50, nr 5, s. 1571-1576.**

169. Title: Spatio-temporal responses of a class of 2 x 2 hyperbolic systems
Author(s): Bartecki, K (Bartecki, Krzysztof)
Book Group Author(s): IEEE
Source: 2014 19TH INTERNATIONAL CONFERENCE ON METHODS AND MODELS IN AUTOMATION AND ROBOTICS (MMAR) Pages: 612-617 Published: 2014

170. Title: AN ADAPTIVE FILTER USING SCANNING OBSERVATION WITH APPLICATION TO A DPS
Author(s): MURACA, P (MURACA, P); PUGLIESE, P (PUGLIESE, P)
Source: INTERNATIONAL JOURNAL OF ADAPTIVE CONTROL AND SIGNAL PROCESSING Volume: 8
Issue: 6 Pages: 543-552 DOI: 10.1002/acs.4480080603 Published: NOV-DEC 1994

Rafajłowicz, Ewaryst.:

**Time-domain optimization of input signals for distributed- parameter systems identification.
Journal of Optimization Theory and Applications. 1989, vol. 60, nr 1, s. 67-79.**

171. Title: Classification of parameter changes in a dynamic system with the use of wavelet analysis and neural networks
Author(s): Swiercz, E (Swiercz, Ewa)
Source: ADVANCES IN ENGINEERING SOFTWARE Volume: 45 Issue: 1 Pages: 28-41 DOI: 10.1016/j.advengsoft.2011.09.022 Published: MAR 2012

172. Title: Sensor scheduling with selection of input experimental conditions for identification of distributed systems
Author(s): Patan, M (Patan, Maciej); Ucinski, D (Ucinski, Dariusz)
Book Group Author(s): IEEE

Source: 2010 15TH INTERNATIONAL CONFERENCE ON METHODS AND MODELS IN AUTOMATION AND ROBOTICS (MMAR) Pages: 148-153 DOI: 10.1109/MMAR.2010.5587245 Published: 2010

Rafałłowicz, Ewaryst.:

Minimum cost experimental design with a prescribed information matrix.

Teorija Veroatnostej i ee Primenenia. 1989, t. 34, s. 412-416.

173. Title: An Expected Cost Methodology for Screening Design Selection
Author(s): Stone, BB (Stone, Brian B.); Montgomery, DC (Montgomery, Douglas C.); Hassler, E (Hassler, Edgar); Silvestrini, RT (Silvestrini, Rachel T.)
Source: QUALITY ENGINEERING Volume: 26 Issue: 2 Pages: 139-153 DOI: 10.1080/08982112.2013.852680 Published: APR 3 2014

174. Title: Cost-penalized estimation and prediction evaluation for split-plot designs
Author(s): Liang, L (Liang, Li); Anderson-Cook, CM (Anderson-Cook, Christine M.); Robinson, TJ (Robinson, Timothy J.)
Source: QUALITY AND RELIABILITY ENGINEERING INTERNATIONAL Volume: 23 Issue: 5 Pages: 577-596 DOI: 10.1002/qre.835 Published: AUG 2007

175. Title: (D-t, C)-optimal run orders
Author(s): Tack, L (Tack, L); Vandebroek, M (Vandebroek, M)
Source: JOURNAL OF STATISTICAL PLANNING AND INFERENCE Volume: 98 Issue: 1-2 Pages: 293-310 DOI: 10.1016/S0378-3758(00)00299-8 Published: OCT 1 2001

176. Title: (D-T, C)-optimal run orders
Author(s): Tack, L (Tack, L); Vandebroek, M (Vandebroek, M)
Edited by: Atkinson A; Bogacka B; Zhigljavsky A
Source: OPTIMUM DESIGN 2000 Book Series: NONCONVEX OPTIMIZATION AND ITS APPLICATIONS Volume: 51 Pages: 249-260 Published: 2001

Rafałłowicz, Ewaryst., Myszk, Wojciech.:

Optimum experimental design for a regression on a hypercube-generalization of hoel's result.

Annals of the Institute of Statistical Mathematics. 1988, vol. 40, nr 4, s. 821-827.

177. Title: E-OPTIMAL DESIGNS FOR SECOND-ORDER RESPONSE SURFACE MODELS
Author(s): Dette, H (Dette, Holger); Grigriev, Y (Grigriev, Yuri)
Source: ANNALS OF STATISTICS Volume: 42 Issue: 4 Pages: 1635-1656 DOI: 10.1214/14-AOS1241 Published: AUG 2014

178. Title: A note on R-optimal designs for multi-factor models
Author(s): Liu, X (Liu, Xin); Yue, RX (Yue, Rong-Xian); Chatterjee, K (Chatterjee, Kashinath)
Source: JOURNAL OF STATISTICAL PLANNING AND INFERENCE Volume: 146 Pages: 139-144 DOI: 10.1016/j.jspi.2013.10.006 Published: MAR 2014

179. Title: Criterion-robust optimal designs for model discrimination and parameter estimation:
Multivariate polynomial regression case
Author(s): Tsai, MH (Tsai, MH); Zen, MM (Zen, MM)
Source: STATISTICA SINICA Volume: 14 Issue: 2 Pages: 591-601 Published: APR 2004

180. Title: A new design criterion when heteroscedasticity is ignored
Author(s): Montepiedra, G (Montepiedra, G); Wong, WK (Wong, WK)

Source: ANNALS OF THE INSTITUTE OF STATISTICAL MATHEMATICS Volume: 53 Issue: 2 Pages: 418-426 DOI: 10.1023/A:1012435125788 Published: JUN 2001

181. Title: Comparison of two methods for the analysis of composite material
Author(s): Konderla, P (Konderla, P); Mokanek, T (Mokanek, T)
Source: JOURNAL OF MATERIALS PROCESSING TECHNOLOGY Volume: 106 Issue: 1-3 Pages: 87-93
DOI: 10.1016/S0924-0136(00)00643-9 Published: OCT 31 2000

182. Title: Online calculation of efficient designs for multi-factor models
Author(s): Dette, H (Dette, H); Roeder, I (Roeder, I)
Source: BIOMETRICAL JOURNAL Volume: 42 Issue: 3 Pages: 349-362 DOI: 10.1002/1521-4036(200007)42:3<349::AID-BIMJ349>3.0.CO;2-N Published: 2000

183. Title: Efficiency bounds for product designs in linear models
Author(s): Schwabe, R (Schwabe, R); Wong, WK (Wong, WK)
Source: ANNALS OF THE INSTITUTE OF STATISTICAL MATHEMATICS Volume: 51 Issue: 4 Pages: 723-730 DOI: 10.1023/A:1004087314831 Published: DEC 1999

184. Title: Optimal discrimination designs for multifactor experiments
Author(s): Dette, H (Dette, H); Roder, I (Roder, I)
Source: ANNALS OF STATISTICS Volume: 25 Issue: 3 Pages: 1161-1175 Published: JUN 1997

185. Title: A relationship between efficiencies of marginal designs and the product design
Author(s): Schwabe, R (Schwabe, R); Wong, WK (Wong, WK)
Source: METRIKA Volume: 45 Issue: 3 Pages: 253-257 DOI: 10.1007/BF02717107 Published: 1997

186. Title: Optimal product designs for multivariate regression with missing terms
Author(s): Dette, H (Dette, H); Roder, I (Roder, I)
Source: SCANDINAVIAN JOURNAL OF STATISTICS Volume: 23 Issue: 2 Pages: 195-208 Published: JUN 1996

187. Title: Optimal designs for additive linear models
Author(s): Schwabe, R (Schwabe, R)
Source: STATISTICS Volume: 27 Issue: 3-4 Pages: 267-278 DOI: 10.1080/02331889708802531
Published: 1996

188. Title: G-OPTIMAL DESIGNS FOR MULTIFACTOR EXPERIMENTS WITH HETEROSCEDASTIC ERRORS
Author(s): WONG, WK (WONG, WK)
Source: JOURNAL OF STATISTICAL PLANNING AND INFERENCE Volume: 40 Issue: 1 Pages: 127-133
DOI: 10.1016/0378-3758(94)90146-5 Published: JUN 1994

189. Title: OPTIMALITY OF EXPERIMENTAL-DESIGNS
Author(s): NISHII, R (NISHII, R)
Source: DISCRETE MATHEMATICS Volume: 116 Issue: 1-3 Pages: 209-225 DOI: 10.1016/0012-365X(93)90402-F Published: JUN 1 1993

Rafajłowicz, Ewaryst.:

**Nonparametric least squares estimation of a regression function.
Statistics. 1988, vol. 19, nr 3, s. 349-358.**

190. Title: Trigonometric regression estimation for observations with additive and multiplicative errors
 Author(s): Popinski, W (Popinski, Waldemar)
 Source: COMMUNICATIONS IN STATISTICS-THEORY AND METHODS Volume: 45 Issue: 3 Pages: 804-812 DOI: 10.1080/03610926.2013.851236 Published: 2016
191. Title: Kernel Estimation of Regression Functions in the Boundary Regions
 Author(s): Galkowski, T (Galkowski, Tomasz)
 Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM
 Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT II Book Series: Lecture Notes in Artificial Intelligence Volume: 7895 Pages: 158-166 Published: 2013
192. Title: Nonparametric System Identification
 Author(s): Greblicki, W (Greblicki, W); Pawlak, M (Pawlak, M)
 Source: NONPARAMETRIC SYSTEM IDENTIFICATION Pages: 1-390 DOI: 10.1017/CBO9780511536687 Published: 2008
193. Title: MULTIPLE FOURIER-SERIES PROCEDURES FOR EXTRACTION OF NONLINEAR REGRESSIONS FROM NOISY DATA
 Author(s): RUTKOWSKI, L (RUTKOWSKI, L)
 Source: IEEE TRANSACTIONS ON SIGNAL PROCESSING Volume: 41 Issue: 10 Pages: 3062-3065 DOI: 10.1109/78.277809 Published: OCT 1993
194. Title: IDENTIFICATION OF MISO NONLINEAR REGRESSIONS IN THE PRESENCE OF A WIDE CLASS OF DISTURBANCES
 Author(s): RUTKOWSKI, L (RUTKOWSKI, L)
 Source: IEEE TRANSACTIONS ON INFORMATION THEORY Volume: 37 Issue: 1 Pages: 214-216 DOI: 10.1109/18.61144 Published: JAN 1991
195. Title: NONPARAMETRIC MULTIPLE FUNCTION FITTING
 Author(s): GEORGIEV, AA (GEORGIEV, AA)
 Source: STATISTICS & PROBABILITY LETTERS Volume: 10 Issue: 3 Pages: 203-211 DOI: 10.1016/0167-7152(90)90074-H Published: AUG 1990
196. Title: CONSISTENT NONPARAMETRIC MULTIPLE-REGRESSION - THE FIXED DESIGN CASE
 Author(s): GEORGIEV, AA (GEORGIEV, AA)
 Source: JOURNAL OF MULTIVARIATE ANALYSIS Volume: 25 Issue: 1 Pages: 100-110 DOI: 10.1016/0047-259X(88)90155-8 Published: APR 1988

Rafałłowicz, Ewaryst.:

Nonparametric orthogonal series estimators of regression: a class attaining the optimal convergence rate in L_2 .

Statistics and Probability Letters. 1987, vol. 5, nr 3, s. 219-224.

197. Title: Adaptive Density Estimation From Data With Small Measurement Errors
 Author(s): Felber, T (Felber, Tina); Kohler, M (Kohler, Michael); Krzyzak, A (Krzyzak, Adam)
 Source: IEEE TRANSACTIONS ON INFORMATION THEORY Volume: 61 Issue: 6 Pages: 3446-3456 DOI: 10.1109/TIT.2015.2421297 Published: JUN 2015
198. Title: Orthogonal Series Estimation of Regression Functions in Nonstationary Conditions
 Author(s): Galkowski, T (Galkowski, Tomasz); Pawlak, M (Pawlak, Mirosław)
 Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 9119 Pages: 427-435 DOI: 10.1007/978-3-319-19324-3_39 Published: 2015

199. Title: Nonparametric Extension of Regression Functions Outside Domain

Author(s): Galkowski, T (Galkowski, Tomasz); Pawlak, M (Pawlak, Mirosław)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING ICAISC 2014, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 8467 Pages: 518-530 Published: 2014

200. Title: Nonparametric Function Fitting in the Presence of Nonstationary Noise

Author(s): Galkowski, T (Galkowski, Tomasz); Pawlak, M (Pawlak, Mirosław)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING ICAISC 2014, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 8467 Pages: 531-538 Published: 2014

201. Title: Nonparametric estimation of non-stationary velocity fields from 3D particle tracking velocimetry data

Author(s): Kohler, M (Kohler, Michael); Krzyzak, A (Krzyzak, Adam)

Source: COMPUTATIONAL STATISTICS & DATA ANALYSIS Volume: 56 Issue: 6 Pages: 1566-1580 DOI: 10.1016/j.csda.2011.09.025 Published: JUN 2012

202. Title: On the Strong Convergence of the Orthogonal Series-Type Kernel Regression Neural Networks in a Non-stationary Environment

Author(s): Duda, P (Duda, Piotr); Hayashi, Y (Hayashi, Yoichi); Jaworski, M (Jaworski, Maciej)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 7267 Pages: 47-54 Published: 2012

203. Title: On the Strong Convergence of the Recursive Orthogonal Series-Type Kernel Probabilistic Neural Networks Handling Time-Varying Noise

Author(s): Duda, P (Duda, Piotr); Korytkowski, M (Korytkowski, Marcin)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 7267 Pages: 55-62 Published: 2012

204. Title: On the Application of the Parzen-Type Kernel Regression Neural Network and Order Statistics for Learning in a Non-stationary Environment

Author(s): Jaworski, M (Jaworski, Maciej); Er, MJ (Er, Meng Joo); Pietruczuk, L (Pietruczuk, Lena)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 7267 Pages: 90-98 Published: 2012

205. Title: On Learning in a Time-Varying Environment by Using a Probabilistic Neural Network and the Recursive Least Squares Method

Author(s): Jaworski, M (Jaworski, Maciej); Gabryel, M (Gabryel, Marcin)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 7267 Pages: 99-110 Published: 2012

206. Title: Weak Convergence of the Parzen-Type Probabilistic Neural Network Handling Time-Varying Noise

Author(s): Pietruczuk, L (Pietruczuk, Lena); Er, MJ (Er, Meng Joo)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM
Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 7267 Pages: 152-159 Published: 2012

207. Title: Strong Convergence of the Recursive Parzen-Type Probabilistic Neural Network Handling Nonstationary Noise

Author(s): Pietruczuk, L (Pietruczuk, Lena); Hayashi, Y (Hayashi, Yoichi)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 7267 Pages: 160-168 Published: 2012

208. Title: On General Regression Neural Network in a Nonstationary Environment

Author(s): Hayashi, Y (Hayashi, Yoichi); Pietruczuk, L (Pietruczuk, Lena)

Edited by: Wyrzykowski R; Dongarra J; Karczewski K; Wasniewski J

Source: PARALLEL PROCESSING AND APPLIED MATHEMATICS, PT I Book Series: Lecture Notes in Computer Science Volume: 7203 Pages: 461-469 Published: 2012

209. Title: Nonparametric System Identification

Author(s): Greblicki, W (Greblicki, W); Pawlak, M (Pawlak, M)

Source: NONPARAMETRIC SYSTEM IDENTIFICATION Pages: 1-390 DOI: 10.1017/CBO9780511536687 Published: 2008

210. Title: Identification of non-linear characteristics of a class of block-oriented non-linear systems via Daubechies wavelet-based models

Author(s): Hasiewicz, Z (Hasiewicz, Z); Sliwinski, P (Sliwinski, P)

Source: INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE Volume: 33 Issue: 14 Pages: 1121-1144 DOI: 10.1080/0020772021000064171 Published: NOV 15 2002

211. Title: Minimax regret analysis of orthogonal series regression estimation: Selection versus shrinkage

Author(s): Droge, B (Droge, B)

Source: BIOMETRIKA Volume: 85 Issue: 3 Pages: 631-643 DOI: 10.1093/biomet/85.3.631 Published: SEP 1998

212. Title: NONPARAMETRIC IDENTIFICATION OF WIENER SYSTEMS BY ORTHOGONAL SERIES

Author(s): GREBLICKI, W (GREBLICKI, W)

Source: IEEE TRANSACTIONS ON AUTOMATIC CONTROL Volume: 39 Issue: 10 Pages: 2077-2086 DOI: 10.1109/9.328819 Published: OCT 1994

213. Title: DYNAMIC SYSTEM-IDENTIFICATION WITH ORDER-STATISTICS

Author(s): GREBLICKI, W (GREBLICKI, W); PAWLAK, M (PAWLAK, M)

Source: IEEE TRANSACTIONS ON INFORMATION THEORY Volume: 40 Issue: 5 Pages: 1474-1489 DOI: 10.1109/18.333862 Published: SEP 1994

214. Title: SMOOTHING NOISY DATA WITH COIFLETS

Author(s): ANTONIADIS, A (ANTONIADIS, A)

Source: STATISTICA SINICA Volume: 4 Issue: 2 Pages: 651-678 Published: JUL 1994

215. Title: FIXED DESIGN REGRESSION FOR TIME-SERIES - ASYMPTOTIC NORMALITY

Author(s): ROUSSAS, GG (ROUSSAS, GG); TRAN, LT (TRAN, LT); IOANNIDES, DA (IOANNIDES, DA)

Source: JOURNAL OF MULTIVARIATE ANALYSIS Volume: 40 Issue: 2 Pages: 262-291 DOI: 10.1016/0047-259X(92)90026-C Published: FEB 1992

216. Title: ULTRASPHERICAL POLYNOMIAL, KERNEL AND HYBRID ESTIMATORS FOR NONPARAMETRIC REGRESSION
 Author(s): AZARI, AS (AZARI, AS); MACK, YP (MACK, YP); MULLER, HG (MULLER, HG)
 Source: SANKHYA-THE INDIAN JOURNAL OF STATISTICS SERIES A Volume: 54 Pages: 80-96 Part: Part 1 Published: FEB 1992
217. Title: CONVERGENCE-RATES FOR TRIGONOMETRIC AND POLYNOMIAL-TRIGONOMETRIC REGRESSION-ESTIMATORS
 Author(s): EUBANK, RL (EUBANK, RL); SPECKMAN, P (SPECKMAN, P)
 Source: STATISTICS & PROBABILITY LETTERS Volume: 11 Issue: 2 Pages: 119-124 DOI: 10.1016/0167-7152(91)90128-E Published: FEB 1991
218. Title: CURVE FITTING BY POLYNOMIAL-TRIGONOMETRIC REGRESSION
 Author(s): EUBANK, RL (EUBANK, RL); SPECKMAN, P (SPECKMAN, P)
 Source: BIOMETRIKA Volume: 77 Issue: 1 Pages: 1-9 Published: MAR 1990
219. Title: TRIGONOMETRIC SERIES REGRESSION-ESTIMATORS WITH AN APPLICATION TO PARTIALLY LINEAR-MODELS
 Author(s): EUBANK, RL (EUBANK, RL); HART, JD (HART, JD); SPECKMAN, P (SPECKMAN, P)
 Source: JOURNAL OF MULTIVARIATE ANALYSIS Volume: 32 Issue: 1 Pages: 70-83 DOI: 10.1016/0047-259X(90)90072-P Published: JAN 1990
220. Title: CONSISTENT NONPARAMETRIC MULTIPLE-REGRESSION - THE FIXED DESIGN CASE
 Author(s): GEORGIEV, AA (GEORGIEV, AA)
 Source: JOURNAL OF MULTIVARIATE ANALYSIS Volume: 25 Issue: 1 Pages: 100-110 DOI: 10.1016/0047-259X(88)90155-8 Published: APR 1988
- Rafajłowicz, Ewaryst.:**
Adaptive input sequence design for linear distributed- parameter systems identification. Large Scale Systems. 1986, vol.11, s. 43-58.
221. Title: Sensor scheduling with selection of input experimental conditions for identification of distributed systems
 Author(s): Patan, M (Patan, Maciej); Ucinski, D (Ucinski, Dariusz)
 Book Group Author(s): IEEE
 Source: 2010 15TH INTERNATIONAL CONFERENCE ON METHODS AND MODELS IN AUTOMATION AND ROBOTICS (MMAR) Pages: 148-153 DOI: 10.1109/MMAR.2010.5587245 Published: 2010
- Rafajłowicz, Ewaryst.:**
Optimum choice of moving sensor trajectories for distributed-parameter system identification. International Journal of Control. 1986, vol. 43, nr 5, s. 1441-1451.
222. Title: Common Framework Model for Multi-Purpose Underwater Data Collection Devices Deployed with Remotely Operated Vehicles
 Author(s): Caraivan, MC (Caraivan, M. C.); Dache, V (Dache, V.); Sgarciu, V (Sgarciu, V.)
 Edited by: Duro R; Kondratenko Y
 Source: ADVANCES IN INTELLIGENT ROBOTICS AND COLLABORATIVE AUTOMATION Book Series: River Publishers Series in Automation Control and Robotics Volume: 1 Pages: 257-294 Published: 2015
223. Title: Robust sensor scheduling via iterative design for parameter estimation of distributed systems

Author(s): Patan, M (Patan, Maciej); Kowalow, D (Kowalow, Damian)
Book Group Author(s): IEEE
Source: 2014 19TH INTERNATIONAL CONFERENCE ON METHODS AND MODELS IN AUTOMATION AND ROBOTICS (MMAR) Pages: 618-623 Published: 2014

224. Title: Decentralized multi-exchange scheduling of sensor networks for parameter estimation of distributed systems

Author(s): Romanek, A (Romanek, Adam); Patan, M (Patan, Maciej)

Book Group Author(s): IEEE

Source: 2014 19TH INTERNATIONAL CONFERENCE ON METHODS AND MODELS IN AUTOMATION AND ROBOTICS (MMAR) Pages: 624-629 Published: 2014

225. Title: A Parallel Algorithm for Optimum Monitoring Network Design in Parameter Estimation of Distributed Systems

Author(s): Ucinski, D (Ucinski, Dariusz); Baranowski, P (Baranowski, Przemyslaw)

Book Group Author(s): IEEE

Source: 2013 EUROPEAN CONTROL CONFERENCE (ECC) Pages: 1609-1614 Published: 2013

226. Title: Adaptive Control of 2-D PDEs Using Mobile Collocated Actuator/Sensor Pairs With Augmented Vehicle Dynamics

Author(s): Demetriou, MA (Demetriou, Michael A.)

Source: IEEE TRANSACTIONS ON AUTOMATIC CONTROL Volume: 57 Issue: 12 Pages: 2979-2993

DOI: 10.1109/TAC.2012.2196402 Published: DEC 2012

227. Title: DISTRIBUTED SCHEDULING OF SENSOR NETWORKS FOR IDENTIFICATION OF SPATIO-TEMPORAL PROCESSES

Author(s): Patan, M (Patan, Maciej)

Source: INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE Volume: 22 Issue: 2 Pages: 299-311 DOI: 10.2478/v10006-012-0022-9 Published: JUN 2012

228. Title: SENSOR NETWORK SCHEDULING FOR IDENTIFICATION OF SPATIALLY DISTRIBUTED PROCESSES

Author(s): Ucinski, D (Ucinski, Dariusz)

Source: INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE Volume: 22 Issue: 1 Pages: 25-40 DOI: 10.2478/v10006-012-0002-0 Published: MAR 2012

229. Title: Optimal Sensor Networks Scheduling in Identification of Distributed Parameter Systems

Author(s): Patan, M (Patan, M)

Source: OPTIMAL SENSOR NETWORKS SCHEDULING IN IDENTIFICATION OF DISTRIBUTED PARAMETER SYSTEMS Book Series: Lecture Notes in Control and Information Sciences Volume: 425 Pages: 1-289 DOI: 10.1007/978-3-642-28230-0 Published: 2012

230. Title: Optimal Mobile Sensing and Actuation Policies in Cyber-physical Systems

Author(s): Tricaud, C (Tricaud, Christophe); Chen, YQ (Chen, YangQuan)

Source: OPTIMAL MOBILE SENSING AND ACTUATION POLICIES IN CYBER-PHYSICAL SYSTEMS Pages: 1-+ DOI: 10.1007/978-1-4471-2262-3_2 Published: 2012

231. Title: State estimation of spatially distributed processes using mobile sensing agents

Author(s): Demetriou, MA (Demetriou, Michael A.); Ucinski, D (Ucinski, Dariusz)

Book Group Author(s): IEEE

Source: 2011 AMERICAN CONTROL CONFERENCE Book Series: Proceedings of the American Control Conference Published: 2011

232. Title: Local Optima in Model-Based Optimal Experimental Design
 Author(s): Schoneberger, JC (Schoeneberger, Jan C.); Arellano-Garcia, H (Arellano-Garcia, Harvey); Wozny, G (Wozny, Guenter)
 Source: INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH Volume: 49 Issue: 20 Pages: 10059-10073 DOI: 10.1021/ie9016094 Published: OCT 20 2010
233. Title: SENSOR NETWORK DESIGN FOR THE ESTIMATION OF SPATIALLY DISTRIBUTED PROCESSES
 Author(s): Ucinski, D (Ucinski, Dariusz); Patan, M (Patan, Maciej)
 Source: INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE Volume: 20 Issue: 3 Pages: 459-481 DOI: 10.2478/v10006-010-0034-2 Published: SEP 2010
234. Title: Modeling of distributed parameter systems for applications-A synthesized review from time-space separation
 Author(s): Li, HX (Li, Han-Xiong); Qi, CK (Qi, Chenkun)
 Source: JOURNAL OF PROCESS CONTROL Volume: 20 Issue: 8 Pages: 891-901 DOI: 10.1016/j.jprocont.2010.06.016 Published: SEP 2010
235. Title: Guidance of Mobile Actuator-Plus-Sensor Networks for Improved Control and Estimation of Distributed Parameter Systems
 Author(s): Demetriou, MA (Demetriou, Michael A.)
 Source: IEEE TRANSACTIONS ON AUTOMATIC CONTROL Volume: 55 Issue: 7 Pages: 1570-1584 DOI: 10.1109/TAC.2010.2042229 Published: JUL 2010
236. Title: Sensor scheduling with selection of input experimental conditions for identification of distributed systems
 Author(s): Patan, M (Patan, Maciej); Ucinski, D (Ucinski, Dariusz)
 Book Group Author(s): IEEE
 Source: 2010 15TH INTERNATIONAL CONFERENCE ON METHODS AND MODELS IN AUTOMATION AND ROBOTICS (MMAR) Pages: 148-153 DOI: 10.1109/MMAR.2010.5587245 Published: 2010
237. Title: Design of spatially distributed filters for distributed parameter systems using mobile sensor networks
 Author(s): Demetriou, MA (Demetriou, Michael A.)
 Book Group Author(s): IEEE
 Source: 2010 AMERICAN CONTROL CONFERENCE Book Series: Proceedings of the American Control Conference Pages: 4101-4108 Published: 2010
238. Title: Sensor Network Design for Spatio-Temporal Prediction of Distributed Parameter Systems
 Author(s): Ucinski, D (Ucinski, Dariusz)
 Edited by: Kuczma M; Wilmanski K
 Source: COMPUTER METHODS IN MECHANICS Book Series: Advanced Structured Materials Volume: 1 Pages: 193-207 Published: 2010
239. Title: The boundary optimum experimental design problem for linear distributed parameter systems
 Author(s): Szewczyk, D (Szewczyk, Dariusz)
 Source: PRZEGLAD ELEKTROTECHNICZNY Volume: 86 Issue: 3 Pages: 256-261 Published: 2010

240. Title: D-Optimal Trajectories of Mobile Sensors with Fractional Dynamics for Parameter Estimation of Distributed Parameter Systems
Author(s): Tricaud, C (Tricaud, Christophe); Chen, YQ (Chen, YangQuan)
Source: 2010 8TH WORLD CONGRESS ON INTELLIGENT CONTROL AND AUTOMATION (WCICA) Pages: 220-225 DOI: 10.1109/WCICA.2010.5555021 Published: 2010
241. Title: Smart Remote Sensing of Environmental Systems Using Unmanned Air Vehicles
Author(s): Tricaud, C (Tricaud, Christophe); Chen, YQ (Chen, YangQuan)
Source: 2010 8TH WORLD CONGRESS ON INTELLIGENT CONTROL AND AUTOMATION (WCICA) Pages: 1800-1805 DOI: 10.1109/WCICA.2010.5554548 Published: 2010
242. Title: Optimal Trajectories of Mobile Remote Sensors for Parameter Estimation in Distributed Cyber-Physical Systems
Author(s): Tricaud, C (Tricaud, Christophe); Chen, YQ (Chen, YangQuan)
Source: 2010 AMERICAN CONTROL CONFERENCE Book Series: Proceedings of the American Control Conference Pages: 3211-3216 Published: 2010
243. Title: Optimal Training Sequences for Locally Recurrent Neural Networks
Author(s): Patan, K (Patan, Krzysztof); Patan, M (Patan, Maciej)
Edited by: Alippi C; Polycarpou M; Panayiotou C; Ellinas G
Source: ARTIFICIAL NEURAL NETWORKS - ICANN 2009, PT I Book Series: Lecture Notes in Computer Science Volume: 5768 Pages: 80-89 Published: 2009
244. Title: Optimal Mobile Actuator/Sensor Network Motion Strategy for Parameter Estimation in a Class of Cyber Physical Systems
Author(s): Tricaud, C (Tricaud, Christophe); Chen, YQ (Chen, YangQuan)
Book Group Author(s): IEEE
Source: 2009 AMERICAN CONTROL CONFERENCE, VOLS 1-9 Book Series: PROCEEDINGS OF THE AMERICAN CONTROL CONFERENCE Pages: 367-372 DOI: 10.1109/ACC.2009.5160289 Published: 2009
245. Title: Optimal Observation for Cyber-physical Systems: A Fisher-information-matrix-based Approach
Author(s): Song, Z (Song, Z); Chen, YQ (Chen, YQ); Sastry, CR (Sastry, CR); Tas, NC (Tas, NC)
Source: OPTIMAL OBSERVATION FOR CYBER-PHYSICAL SYSTEMS: A FISHER-INFORMATION-MATRIX-BASED APPROACH Pages: 1-171 DOI: 10.1007/978-1-84882-656-4 Published: 2009
246. Title: Mobile sensor routing for parameter estimation of distributed systems using the parallel tunneling method
Author(s): Zieba, T (Zieba, Tomasz); Ucinski, D (Ucinski, Dariusz)
Source: INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE Volume: 18 Issue: 3 Pages: 307-318 DOI: 10.2478/v10006-008-0028-5 Published: SEP 2008
247. Title: Optimal experimental design and some related control problems
Author(s): Pronzato, L (Pronzato, Luc)
Source: AUTOMATICA Volume: 44 Issue: 2 Pages: 303-325 DOI: 10.1016/j.automatica.2007.05.016 Published: FEB 2008
248. Title: Artificial Neural Networks for the Modelling and Fault Diagnosis of Technical Processes
Author(s): Patan, K (Patan, K)

Source: ARTIFICIAL NEURAL NETWORKS FOR THE MODELLING AND FAULT DIAGNOSIS OF TECHNICAL PROCESSES Book Series: Lecture Notes in Control and Information Sciences Volume: 377 Pages: 1-206 Published: 2008

249. Title: D-optimal trajectory design of heterogeneous mobile sensors for parameter estimation of distributed systems

Author(s): Tricaud, C (Tricaud, Christophe); Patan, M (Patan, Maciej); Ucinski, D (Ucinski, Dariusz); Chen, Y (Chen, YangQuan)

Book Group Author(s): IEEE

Source: 2008 AMERICAN CONTROL CONFERENCE, VOLS 1-12 Book Series: PROCEEDINGS OF THE AMERICAN CONTROL CONFERENCE Pages: 663-668 DOI: 10.1109/ACC.2008.4586568 Published: 2008

250. Title: D-optimal design of a monitoring network for parameter estimation of distributed systems

Author(s): Ucinski, D (Ucinski, Dariusz); Patan, M (Patan, Maciej)

Source: JOURNAL OF GLOBAL OPTIMIZATION Volume: 39 Issue: 2 Pages: 291-322 DOI: 10.1007/s10898-007-9139-z Published: OCT 2007

251. Title: An adaptive algorithm for sampling two-dimensional fields using mobile sensors

Author(s): Luo, HY (Luo, Huiyu); Kong, XM (Kong, Xiangming); Pottie, G (Pottie, Gregory)

Book Group Author(s): IEEE

Source: 2007 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING, VOL I, PTS 1-3, PROCEEDINGS Book Series: International Conference on Acoustics Speech and Signal Processing (ICASSP) Pages: 857-860 Published: 2007

252. Title: Development of objective-oriented groundwater models: 2. Robust experimental design

Author(s): Sun, NZ (Sun, Ne-Zheng); Yeh, WWG (Yeh, William W. -G.)

Source: WATER RESOURCES RESEARCH Volume: 43 Issue: 2 Article Number: W02421 DOI: 10.1029/2006WR004888 Published: FEB 21 2007

253. Title: Optimal activation policies for continuous scanning observations in parameter estimation of distributed systems

Author(s): Patan, M (Patan, Maciej)

Source: INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE Volume: 37 Issue: 11 Pages: 763-775 DOI: 10.1080/00207720600825560 Published: SEP 15 2006

254. Title: Sensor motion planning in distributed parameter systems using Turing's measure of conditioning

Author(s): Ucinski, D (Ucinski, Dariusz); Chen, YQ (Chen, YangQuan)

Book Group Author(s): IEEE

Source: PROCEEDINGS OF THE 45TH IEEE CONFERENCE ON DECISION AND CONTROL, VOLS 1-14 Book Series: IEEE Conference on Decision and Control Pages: 759-764 DOI: 10.1109/CDC.2006.377141 Published: 2006

255. Title: Structure reduction and robust experimental design for distributed parameter identification

Author(s): Sun, NZ (Sun, NZ)

Source: INVERSE PROBLEMS Volume: 21 Issue: 2 Pages: 739-758 DOI: 10.1088/0266-5611/21/2/018 Published: APR 2005

256. Title: Adaptive sampling for environmental field estimation using robotic sensors
 Author(s): Rahimi, M (Rahimi, M); Hansen, M (Hansen, M); Kaiser, WJ (Kaiser, WJ); Sukhatme, GS (Sukhatme, GS); Estrin, D (Estrin, D)
 Source: 2005 IEEE/RSJ International Conference on Intelligent Robots and Systems, Vols 1-4 Pages: 747-753 DOI: 308791976,12,1 Published: 2005
257. Title: Time-optimal path planning of moving sensors for parameter estimation of distributed systems
 Author(s): Ucinski, D (Ucinski, Dariusz); Chen, YQ (Chen, YangQuan)
 Book Group Author(s): IEEE
 Source: 2005 44th IEEE Conference on Decision and Control & European Control Conference, Vols 1-8
 Book Series: IEEE CONFERENCE ON DECISION AND CONTROL - PROCEEDINGS Pages: 5257-5262
 Published: 2005
258. Title: Discrimination between models of distributed parameter systems using T-optimum experimental design
 Author(s): Kuczewski, B (Kuczewski, B); Patan, M (Patan, M); Ucinski, D (Ucinski, D)
 Edited by: Wyrzykowski R; Dongarra J; Paprzycki M; Wasniewski J
 Source: PARALLEL PROCESSING AND APPLIED MATHEMATICS Book Series: Lecture Notes in Computer Science Volume: 3019 Pages: 762-769 Published: 2004
259. Title: Robust activation strategy of scanning sensors via sequential design in parameter estimation of distributed systems
 Author(s): Patan, M (Patan, M); Ucinski, D (Ucinski, D)
 Edited by: Wyrzykowski R; Dongarra J; Paprzycki M; Wasniewski J
 Source: PARALLEL PROCESSING AND APPLIED MATHEMATICS Book Series: Lecture Notes in Computer Science Volume: 3019 Pages: 770-778 Published: 2004
260. Title: Coverage control for mobile sensing networks
 Author(s): Cortes, J (Cortes, J); Martinez, S (Martinez, S); Karatas, T (Karatas, T); Bullo, F (Bullo, F)
 Book Group Author(s): IEEE; IEEE; IEEE
 Source: 2002 IEEE INTERNATIONAL CONFERENCE ON ROBOTICS AND AUTOMATION, VOLS I-IV, PROCEEDINGS Pages: 1327-1332 Published: 2002
261. Title: Sensor motion planning with design criteria in output space
 Author(s): Ucinski, D (Ucinski, D)
 Edited by: Atkinson AC; Hackl P; Muller WG
 Source: MODA6 ADVANCES IN MODEL-ORIENTED DESIGN AND ANALYSIS Book Series: CONTRIBUTIONS TO STATISTICS Pages: 251-258 Published: 2001
262. Title: Optimal sensor location for parameter estimation of distributed processes
 Author(s): Ucinski, D (Ucinski, D)
 Source: INTERNATIONAL JOURNAL OF CONTROL Volume: 73 Issue: 13 Pages: 1235-1248 DOI: 10.1080/002071700417876 Published: SEP 2000
263. Title: AN ADAPTIVE FILTER USING SCANNING OBSERVATION WITH APPLICATION TO A DPS
 Author(s): MURACA, P (MURACA, P); PUGLIESE, P (PUGLIESE, P)
 Source: INTERNATIONAL JOURNAL OF ADAPTIVE CONTROL AND SIGNAL PROCESSING Volume: 8 Issue: 6 Pages: 543-552 DOI: 10.1002/acs.4480080603 Published: NOV-DEC 1994

264. Title: CONTINUOUS OBSERVABILITY FOR PARABOLIC-SYSTEM UNDER OBSERVATIONS OF DISCRETE TYPE
Author(s): KHAPALOV, AY (KHAPALOV, AY)
Source: IEEE TRANSACTIONS ON AUTOMATIC CONTROL Volume: 38 Issue: 9 Pages: 1388-1391 DOI: 10.1109/9.237651 Published: SEP 1993

265. Title: OPTIMAL MEASUREMENT TRAJECTORIES FOR DISTRIBUTED PARAMETER-SYSTEMS
Author(s): KHAPALOV, AY (KHAPALOV, AY)
Source: SYSTEMS & CONTROL LETTERS Volume: 18 Issue: 6 Pages: 467-477 DOI: 10.1016/0167-6911(92)90051-S Published: JUN 1992

266. Title: SIMULTANEOUS STATE AND PARAMETER-ESTIMATION AND LOCATION OF SENSORS FOR DISTRIBUTED SYSTEMS
Author(s): MALEBRANCHE, H (MALEBRANCHE, H)
Source: INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE Volume: 19 Issue: 8 Pages: 1387-1405 DOI: 10.1080/00207728808964045 Published: AUG 1988

Rafałłowicz, Ewaryst.:

Dobór sterowań optymalnych w identyfikacji systemów liniowych o parametrach rozłożonych. Wrocław : PWr, 1986. : Praca habilitacyjna.

267. Title: Optimal Sensor Networks Scheduling in Identification of Distributed Parameter Systems
Author(s): Patan, M (Patan, M)
Source: OPTIMAL SENSOR NETWORKS SCHEDULING IN IDENTIFICATION OF DISTRIBUTED PARAMETER SYSTEMS Book Series: Lecture Notes in Control and Information Sciences Volume: 425 Pages: 1-289 DOI: 10.1007/978-3-642-28230-0 Published: 2012

Rafałłowicz, Ewaryst.:

Nonparametric algorithm for input signals identification in static distributed - parameter systems. IEEE Transactions on Automatic Control. 1984, vol. AC-29, nr 7, s. 631-633.

268. Title: MULTIPLE FOURIER-SERIES PROCEDURES FOR EXTRACTION OF NONLINEAR REGRESSIONS FROM NOISY DATA
Author(s): RUTKOWSKI, L (RUTKOWSKI, L)
Source: IEEE TRANSACTIONS ON SIGNAL PROCESSING Volume: 41 Issue: 10 Pages: 3062-3065 DOI: 10.1109/78.277809 Published: OCT 1993

269. Title: IDENTIFICATION OF MISO NONLINEAR REGRESSIONS IN THE PRESENCE OF A WIDE CLASS OF DISTURBANCES
Author(s): RUTKOWSKI, L (RUTKOWSKI, L)
Source: IEEE TRANSACTIONS ON INFORMATION THEORY Volume: 37 Issue: 1 Pages: 214-216 DOI: 10.1109/18.61144 Published: JAN 1991

270. Title: APPLICATION OF MULTIPLE FOURIER-SERIES TO IDENTIFICATION OF MULTIVARIABLE NON-STATIONARY SYSTEMS
Author(s): RUTKOWSKI, L (RUTKOWSKI, L)
Source: INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE Volume: 20 Issue: 10 Pages: 1993-2002 DOI: 10.1080/00207728908910279 Published: OCT 1989

271. Title: NONPARAMETRIC FITTING OF MULTIVARIATE FUNCTIONS

Author(s): GALKOWSKI, T (GALKOWSKI, T); RUTKOWSKI, L (RUTKOWSKI, L)
Source: IEEE TRANSACTIONS ON AUTOMATIC CONTROL Volume: 31 Issue: 8 Pages: 785-787 DOI:
10.1109/TAC.1986.1104399 Published: AUG 1986

272. Title: A GENERAL-APPROACH FOR NONPARAMETRIC FITTING OF FUNCTIONS AND THEIR
DERIVATIVES WITH APPLICATIONS TO LINEAR CIRCUITS IDENTIFICATION

Author(s): RUTKOWSKI, L (RUTKOWSKI, L)
Source: IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS Volume: 33 Issue: 8 Pages: 812-818 DOI:
10.1109/TCS.1986.1086001 Published: AUG 1986

273. Title: NONPARAMETRIC KERNEL ALGORITHM FOR RECOVERY OF FUNCTIONS FROM NOISY
MEASUREMENTS WITH APPLICATIONS

Author(s): GEORGIEV, AA (GEORGIEV, AA)
Source: IEEE TRANSACTIONS ON AUTOMATIC CONTROL Volume: 30 Issue: 8 Pages: 782-784 DOI:
10.1109/TAC.1985.1104052 Published: 1985

274. Title: REAL-TIME IDENTIFICATION OF TIME-VARYING SYSTEMS BY NON-PARAMETRIC
ALGORITHMS BASED ON PARZEN KERNELS

Author(s): RUTKOWSKI, L (RUTKOWSKI, L)
Source: INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE Volume: 16 Issue: 9 Pages: 1123-1130 DOI:
10.1080/00207728508926737 Published: 1985

275. Title: NONPARAMETRIC RECOVERY OF MULTIVARIATE FUNCTIONS WITH APPLICATIONS TO
SYSTEM-IDENTIFICATION

Author(s): GALKOWSKI, T (GALKOWSKI, T); RUTKOWSKI, L (RUTKOWSKI, L)
Source: PROCEEDINGS OF THE IEEE Volume: 73 Issue: 5 Pages: 942-943 DOI:
10.1109/PROC.1985.13223 Published: 1985

Rafajłowicz, Ewaryst.:

Unbounded power input signals in optimum experiment design for parameter estimation in linear systems.

International Journal of Control. 1984, vol. 40, nr 2, s. 383-391.

276. Title: System identification using chirp signals and time-variant filters in the joint time-
frequency domain

Author(s): Xia, XG (Xia, XG)
Source: IEEE TRANSACTIONS ON SIGNAL PROCESSING Volume: 45 Issue: 8 Pages: 2072-2084
Published: AUG 1997

Rafajłowicz, Ewaryst.:

Optimization of measurements for state estimation in parabolic distributed systems.

Kybernetika. 1984, vol. 20, nr 4, s. 44-48.

277. Title: SUBOPTIMAL SENSORS LOCATION IN THE STATE ESTIMATION PROBLEM FOR
STOCHASTIC NON-LINEAR DISTRIBUTED PARAMETER-SYSTEMS

Author(s): KORBICZ, J (KORBICZ, J); ZGUROVSKY, MZ (ZGUROVSKY, MZ); NOVIKOV, AN (NOVIKOV, AN)
Source: INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE Volume: 19 Issue: 9 Pages: 1871-1882 DOI:
10.1080/00207728808964082 Published: SEP 1988

278. Title: DISCRETE-SCANNING OBSERVATION PROBLEM FOR STOCHASTIC NONLINEAR DISCRETE-TIME DISTRIBUTED PARAMETER-SYSTEMS
Author(s): KORBICZ, J (KORBICZ, J)
Source: INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE Volume: 22 Issue: 9 Pages: 1647-1662 DOI: 10.1080/00207729108910738 Published: SEP 1991

Rafałłowicz, Ewaryst.:

Nonparametric algorithm for identification of weakly nonlinear distributed-parameter systems. Systems & Control Letters. 1984, vol. 4, nr 2, s. 91-96.

279. Title: IDENTIFICATION OF LUMPED LINEAR-SYSTEMS VIA NONPARAMETRIC STATISTICAL TECHNIQUES
Author(s): GEORGIEV, AA (GEORGIEV, AA)
Source: CONTROL-THEORY AND ADVANCED TECHNOLOGY Volume: 7 Issue: 3 Pages: 503-517
Published: SEP 1991

280. Title: ON THE IDENTIFICATION OF TIME-VARYING DYNAMIC-SYSTEMS BY NONPARAMETRIC PROCEDURES
Author(s): GEORGIEV, AA (GEORGIEV, AA)
Source: IEEE TRANSACTIONS ON AUTOMATIC CONTROL Volume: 34 Issue: 2 Pages: 223-225 DOI: 10.1109/9.21106 Published: FEB 1989

281. Title: A GENERAL-APPROACH FOR NONPARAMETRIC FITTING OF FUNCTIONS AND THEIR DERIVATIVES WITH APPLICATIONS TO LINEAR CIRCUITS IDENTIFICATION
Author(s): RUTKOWSKI, L (RUTKOWSKI, L)
Source: IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS Volume: 33 Issue: 8 Pages: 812-818 DOI: 10.1109/TCS.1986.1086001 Published: AUG 1986

282. Title: THE STRONG POINTWISE CONVERGENCE OF NEAREST NEIGHBOR FUNCTION FITTING ALGORITHM WITH APPLICATIONS TO SYSTEM-IDENTIFICATION
Author(s): GEORGIEV, AA (GEORGIEV, AA)
Source: KYBERNETIKA Volume: 21 Issue: 2 Pages: 118-122 Published: 1985

283. Title: ON THE RECOVERY OF FUNCTIONS AND THEIR DERIVATIVES FROM IMPERFECT MEASUREMENTS
Author(s): GEORGIEV, AA (GEORGIEV, AA)
Source: IEEE TRANSACTIONS ON SYSTEMS MAN AND CYBERNETICS Volume: 14 Issue: 6 Pages: 900-903 Published: 1984

Rafałłowicz, Ewaryst.:

Optimal experiment design for identification of linear distributed-parameter systems /frequency domain approach.

IEEE Transactions on Automatic Control. 1983, vol. AC-28, nr 7, s. 806-808.

284. Title: Determining the Optimal Placement of Sensors on a Concrete Arch Dam Using a Quantum Genetic Algorithm
Author(s): Zhu, K (Zhu, Kai); Gu, CS (Gu, Chongshi); Qiu, JC (Qiu, Jianchun); Liu, WX (Liu, Wanxin); Fang, CH (Fang, Chunhui); Li, B (Li, Bo)
Source: JOURNAL OF SENSORS Article Number: 2567305 DOI: 10.1155/2016/2567305 Published: 2016

285. Title: Frequency domain sample maximum likelihood estimation for spatially dependent parameter estimation in PDEs
 Author(s): van Berkel, M (van Berkel, Matthijs); Vandersteen, G (Vandersteen, Gerd); Geerardyn, E (Geerardyn, Egon); Pintelon, R (Pintelon, Rik); Zwart, H (Zwart, Hans); de Baar, M (de Baar, Marco)
 Source: AUTOMATICA Volume: 50 Issue: 8 Pages: 2113-2119 DOI: 10.1016/j.automatica.2014.05.027 Published: AUG 2014
286. Title: Robust sensor scheduling via iterative design for parameter estimation of distributed systems
 Author(s): Patan, M (Patan, Maciej); Kowalow, D (Kowalow, Damian)
 Book Group Author(s): IEEE
 Source: 2014 19TH INTERNATIONAL CONFERENCE ON METHODS AND MODELS IN AUTOMATION AND ROBOTICS (MMAR) Pages: 618-623 Published: 2014
287. Title: Decentralized multi-exchange scheduling of sensor networks for parameter estimation of distributed systems
 Author(s): Romanek, A (Romanek, Adam); Patan, M (Patan, Maciej)
 Book Group Author(s): IEEE
 Source: 2014 19TH INTERNATIONAL CONFERENCE ON METHODS AND MODELS IN AUTOMATION AND ROBOTICS (MMAR) Pages: 624-629 Published: 2014
288. Title: Optimal spatial sampling scheme for parameter estimation of nonlinear distributed parameter systems
 Author(s): Alana, JE (Alana, Jorge E.); Theodoropoulos, C (Theodoropoulos, Constantinos)
 Source: COMPUTERS & CHEMICAL ENGINEERING Volume: 45 Pages: 38-49 DOI: 10.1016/j.compchemeng.2012.04.014 Published: OCT 12 2012
289. Title: DISTRIBUTED SCHEDULING OF SENSOR NETWORKS FOR IDENTIFICATION OF SPATIO-TEMPORAL PROCESSES
 Author(s): Patan, M (Patan, Maciej)
 Source: INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE Volume: 22 Issue: 2 Pages: 299-311 DOI: 10.2478/v10006-012-0022-9 Published: JUN 2012
290. Title: SENSOR NETWORK SCHEDULING FOR IDENTIFICATION OF SPATIALLY DISTRIBUTED PROCESSES
 Author(s): Ucinski, D (Ucinski, Dariusz)
 Source: INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE Volume: 22 Issue: 1 Pages: 25-40 DOI: 10.2478/v10006-012-0002-0 Published: MAR 2012
291. Title: Optimal Sensor Networks Scheduling in Identification of Distributed Parameter Systems
 Author(s): Patan, M (Patan, M)
 Source: OPTIMAL SENSOR NETWORKS SCHEDULING IN IDENTIFICATION OF DISTRIBUTED PARAMETER SYSTEMS Book Series: Lecture Notes in Control and Information Sciences Volume: 425 Pages: 1-289 DOI: 10.1007/978-3-642-28230-0 Published: 2012
292. Title: ON COMPUTATION OF THE DESIGN FUNCTION GRADIENT FOR THE SENSOR-LOCATION PROBLEM IN VARIATIONAL DATA ASSIMILATION
 Author(s): Gejadze, IY (Gejadze, I. Yu.); Shutyaev, V (Shutyaev, V.)
 Source: SIAM JOURNAL ON SCIENTIFIC COMPUTING Volume: 34 Issue: 2 Pages: B127-B147 DOI: 10.1137/110825121 Published: 2012

293. Title: Optimal location of measurements for parameter estimation of distributed parameter systems
 Author(s): Alana, JE (Alana, Jorge E.); Theodoropoulos, C (Theodoropoulos, Constantinos)
 Source: COMPUTERS & CHEMICAL ENGINEERING Volume: 35 Issue: 1 Pages: 106-120 DOI: 10.1016/j.compchemeng.2010.04.014 Published: JAN 10 2011
294. Title: Spatio-Temporal Modeling of Nonlinear Distributed Parameter Systems A Time/Space Separation Based Approach Conclusions
 Author(s): Li, HX (Li, Han-Xiong); Qi, CK (Qi, Chenkun)
 Book Author(s): Li, HX (Li, HX); Qi, CK (Qi, CK)
 Source: SPATIO-TEMPORAL MODELING OF NONLINEAR DISTRIBUTED PARAMETER SYSTEMS: A TIME/SPACE SEPARATION BASED APPROACH Book Series: Intelligent Systems Control and Automation Science and Engineering Volume: 50 Pages: 167-171 DOI: 10.1007/978-94-007-0741-2_8 Published: 2011
295. Title: OPTIMAL MEASUREMENT LOCATIONS FOR PARAMETER ESTIMATION OF NON LINEAR DISTRIBUTED PARAMETER SYSTEMS
 Author(s): Alana, JE (Alana, J. E.)
 Source: BRAZILIAN JOURNAL OF CHEMICAL ENGINEERING Volume: 27 Issue: 4 Pages: 627-642 DOI: 10.1590/S0104-66322010000400015 Published: OCT-DEC 2010
296. Title: SENSOR NETWORK DESIGN FOR THE ESTIMATION OF SPATIALLY DISTRIBUTED PROCESSES
 Author(s): Ucinski, D (Ucinski, Dariusz); Patan, M (Patan, Maciej)
 Source: INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE Volume: 20 Issue: 3 Pages: 459-481 DOI: 10.2478/v10006-010-0034-2 Published: SEP 2010
297. Title: Modeling of distributed parameter systems for applications-A synthesized review from time-space separation
 Author(s): Li, HX (Li, Han-Xiong); Qi, CK (Qi, Chenkun)
 Source: JOURNAL OF PROCESS CONTROL Volume: 20 Issue: 8 Pages: 891-901 DOI: 10.1016/j.jprocont.2010.06.016 Published: SEP 2010
298. Title: Sensor scheduling with selection of input experimental conditions for identification of distributed systems
 Author(s): Patan, M (Patan, Maciej); Ucinski, D (Ucinski, Dariusz)
 Book Group Author(s): IEEE
 Source: 2010 15TH INTERNATIONAL CONFERENCE ON METHODS AND MODELS IN AUTOMATION AND ROBOTICS (MMAR) Pages: 148-153 DOI: 10.1109/MMAR.2010.5587245 Published: 2010
299. Title: CONFIGURING A SENSOR NETWORK FOR FAULT DETECTION IN DISTRIBUTED PARAMETER SYSTEMS
 Author(s): Patan, M (Patan, Maciej); Ucinski, D (Ucinski, Dariusz)
 Source: INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE Volume: 18 Issue: 4 Pages: 513-524 DOI: 10.2478/v10006-008-0045-4 Published: DEC 2008
300. Title: Mobile sensor routing for parameter estimation of distributed systems using the parallel tunneling method
 Author(s): Zieba, T (Zieba, Tomasz); Ucinski, D (Ucinski, Dariusz)
 Source: INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE Volume: 18 Issue: 3 Pages: 307-318 DOI: 10.2478/v10006-008-0028-5 Published: SEP 2008

301. Title: Optimal experimental design and some related control problems
 Author(s): Pronzato, L (Pronzato, Luc)
 Source: AUTOMATICA Volume: 44 Issue: 2 Pages: 303-325 DOI: 10.1016/j.automat.2007.05.016
 Published: FEB 2008
302. Title: D-optimal design of a monitoring network for parameter estimation of distributed systems
 Author(s): Ucinski, D (Ucinski, Dariusz); Patan, M (Patan, Maciej)
 Source: JOURNAL OF GLOBAL OPTIMIZATION Volume: 39 Issue: 2 Pages: 291-322 DOI: 10.1007/s10898-007-9139-z Published: OCT 2007
303. Title: Optimal activation policies for continuous scanning observations in parameter estimation of distributed systems
 Author(s): Patan, M (Patan, Maciej)
 Source: INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE Volume: 37 Issue: 11 Pages: 763-775 DOI: 10.1080/00207720600825560 Published: SEP 15 2006
304. Title: Sensor network design for parameter estimation of distributed systems using nonsmooth optimality criteria
 Author(s): Ucinski, D (Ucinski, Dariusz)
 Book Group Author(s): IEEE
 Source: 2005 44th IEEE Conference on Decision and Control & European Control Conference, Vols 1-8
 Book Series: IEEE CONFERENCE ON DECISION AND CONTROL - PROCEEDINGS Pages: 3152-3157
 Published: 2005
305. Title: Optimal mobile sensor motion planning under nonholonomic constraints for parameter estimation of distributed systems
 Author(s): Song, Z (Song, Z); Chen, YQ (Chen, YQ); Liang, JS (Liang, JS); Ucinski, D (Ucinski, D)
 Book Group Author(s): IEEE
 Source: 2005 IEEE/RSJ International Conference on Intelligent Robots and Systems, Vols 1-4 Pages: 1505-1510 Published: 2005
306. Title: SENSOR PLACEMENT FOR ON-ORBIT MODAL IDENTIFICATION VIA A GENETIC ALGORITHM
 Author(s): YAO, L (YAO, L); SETHARES, WA (SETHARES, WA); KAMMER, DC (KAMMER, DC)
 Source: AIAA JOURNAL Volume: 31 Issue: 10 Pages: 1922-1928 DOI: 10.2514/3.11868 Published: OCT 1993
307. Title: SIMULTANEOUS STATE AND PARAMETER-ESTIMATION AND LOCATION OF SENSORS FOR DISTRIBUTED SYSTEMS
 Author(s): MALEBRANCHE, H (MALEBRANCHE, H)
 Source: INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE Volume: 19 Issue: 8 Pages: 1387-1405 DOI: 10.1080/00207728808964045 Published: AUG 1988
308. Title: SENSORS AND CONTROLLERS LOCATION IN DISTRIBUTED SYSTEMS - A SURVEY
 Author(s): KUBRUSLY, CS (KUBRUSLY, CS); MALEBRANCHE, H (MALEBRANCHE, H)
 Source: AUTOMATICA Volume: 21 Issue: 2 Pages: 117-128 DOI: 10.1016/0005-1098(85)90107-4
 Published: 1985

Rafajłowicz, Ewaryst.:

Optimal input signals for parameter estimation in linear distributed - parameter systems. International Journal of Systems Science. 1982, vol. 13, nr 7, s. 799 - 808.

309. Title: OPTIMUM EXPERIMENTAL-DESIGN FOR PARAMETER-IDENTIFICATION IN GROUNDWATER HYDROLOGY

Author(s): HSU, NS (HSU, NS); YEH, WWG (YEH, WWG)

Source: WATER RESOURCES RESEARCH Volume: 25 Issue: 5 Pages: 1025-1040 DOI: 10.1029/WR025i005p01025 Published: MAY 1989

Rafałłowicz, Ewaryst.:

Design of experiments for eigenvalue identification in distributed-parameter systems. International Journal of Control. 1981, vol. 34, nr 6, s. 1079-1094.

310. Title: Optimal spatial sampling scheme for parameter estimation of nonlinear distributed parameter systems

Author(s): Alana, JE (Alana, Jorge E.); Theodoropoulos, C (Theodoropoulos, Constantinos)

Source: COMPUTERS & CHEMICAL ENGINEERING Volume: 45 Pages: 38-49 DOI: 10.1016/j.compchemeng.2012.04.014 Published: OCT 12 2012

311. Title: SENSOR NETWORK SCHEDULING FOR IDENTIFICATION OF SPATIALLY DISTRIBUTED PROCESSES

Author(s): Ucinski, D (Ucinski, Dariusz)

Source: INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE Volume: 22 Issue: 1 Pages: 25-40 DOI: 10.2478/v10006-012-0002-0 Published: MAR 2012

312. Title: Optimal Sensor Networks Scheduling in Identification of Distributed Parameter Systems

Author(s): Patan, M (Patan, M)

Source: OPTIMAL SENSOR NETWORKS SCHEDULING IN IDENTIFICATION OF DISTRIBUTED PARAMETER SYSTEMS Book Series: Lecture Notes in Control and Information Sciences Volume: 425 Pages: 1-289 DOI: 10.1007/978-3-642-28230-0 Published: 2012

313. Title: ON COMPUTATION OF THE DESIGN FUNCTION GRADIENT FOR THE SENSOR-LOCATION PROBLEM IN VARIATIONAL DATA ASSIMILATION

Author(s): Gejadze, IY (Gejadze, I. Yu.); Shutyaev, V (Shutyaev, V.)

Source: SIAM JOURNAL ON SCIENTIFIC COMPUTING Volume: 34 Issue: 2 Pages: B127-B147 DOI: 10.1137/110825121 Published: 2012

314. Title: Optimal location of measurements for parameter estimation of distributed parameter systems

Author(s): Alana, JE (Alana, Jorge E.); Theodoropoulos, C (Theodoropoulos, Constantinos)

Source: COMPUTERS & CHEMICAL ENGINEERING Volume: 35 Issue: 1 Pages: 106-120 DOI: 10.1016/j.compchemeng.2010.04.014 Published: JAN 10 2011

315. Title: OPTIMAL MEASUREMENT LOCATIONS FOR PARAMETER ESTIMATION OF NON LINEAR DISTRIBUTED PARAMETER SYSTEMS

Author(s): Alana, JE (Alana, J. E.)

Source: BRAZILIAN JOURNAL OF CHEMICAL ENGINEERING Volume: 27 Issue: 4 Pages: 627-642 DOI: 10.1590/S0104-66322010000400015 Published: OCT-DEC 2010

316. Title: SENSOR NETWORK DESIGN FOR THE ESTIMATION OF SPATIALLY DISTRIBUTED PROCESSES

Author(s): Ucinski, D (Ucinski, Dariusz); Patan, M (Patan, Maciej)

Source: INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE Volume: 20
Issue: 3 Pages: 459-481 DOI: 10.2478/v10006-010-0034-2 Published: SEP 2010

317. Title: Sensor scheduling with selection of input experimental conditions for identification of distributed systems

Author(s): Patan, M (Patan, Maciej); Ucinski, D (Ucinski, Dariusz)

Book Group Author(s): IEEE

Source: 2010 15TH INTERNATIONAL CONFERENCE ON METHODS AND MODELS IN AUTOMATION AND ROBOTICS (MMAR) Pages: 148-153 DOI: 10.1109/MMAR.2010.5587245 Published: 2010

318. Title: CONFIGURING A SENSOR NETWORK FOR FAULT DETECTION IN DISTRIBUTED PARAMETER SYSTEMS

Author(s): Patan, M (Patan, Maciej); Ucinski, D (Ucinski, Dariusz)

Source: INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE Volume: 18
Issue: 4 Pages: 513-524 DOI: 10.2478/v10006-008-0045-4 Published: DEC 2008

319. Title: Mobile sensor routing for parameter estimation of distributed systems using the parallel tunneling method

Author(s): Zieba, T (Zieba, Tomasz); Ucinski, D (Ucinski, Dariusz)

Source: INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE Volume: 18
Issue: 3 Pages: 307-318 DOI: 10.2478/v10006-008-0028-5 Published: SEP 2008

320. Title: D-optimal design of a monitoring network for parameter estimation of distributed systems

Author(s): Ucinski, D (Ucinski, Dariusz); Patan, M (Patan, Maciej)

Source: JOURNAL OF GLOBAL OPTIMIZATION Volume: 39 Issue: 2 Pages: 291-322 DOI:
10.1007/s10898-007-9139-z Published: OCT 2007

321. Title: Optimal activation policies for continuous scanning observations in parameter estimation of distributed systems

Author(s): Patan, M (Patan, Maciej)

Source: INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE Volume: 37 Issue: 11 Pages: 763-775 DOI:
10.1080/00207720600825560 Published: SEP 15 2006

322. Title: Simultaneous estimation of heat transfer coefficient and thermal conductivity with application to microelectronic materials

Author(s): Zawada, T (Zawada, T)

Source: MICROELECTRONICS JOURNAL Volume: 37 Issue: 4 Pages: 340-352 DOI:
10.1016/j.mejo.2005.04.052 Published: APR 2006

323. Title: Sensor network design for parameter estimation of distributed systems using nonsmooth optimality criteria

Author(s): Ucinski, D (Ucinski, Dariusz)

Book Group Author(s): IEEE

Source: 2005 44th IEEE Conference on Decision and Control & European Control Conference, Vols 1-8
Book Series: IEEE CONFERENCE ON DECISION AND CONTROL - PROCEEDINGS Pages: 3152-3157
Published: 2005

324. Title: Optimal mobile sensor motion planning under nonholonomic constraints for parameter estimation of distributed systems

Author(s): Song, Z (Song, Z); Chen, YQ (Chen, YQ); Liang, JS (Liang, JS); Ucinski, D (Ucinski, D)

Book Group Author(s): IEEE

Source: 2005 IEEE/RSJ International Conference on Intelligent Robots and Systems, Vols 1-4 Pages: 1505-1510 Published: 2005

325. Title: Optimal experiment design

Author(s): Emery, AF (Emery, AF); Nenarokomov, AV (Nenarokomov, AV)

Source: MEASUREMENT SCIENCE AND TECHNOLOGY Volume: 9 Issue: 6 Pages: 864-876 DOI: 10.1088/0957-0233/9/6/003 Published: JUN 1998

326. Title: SENSOR PLACEMENT FOR ON-ORBIT MODAL IDENTIFICATION VIA A GENETIC ALGORITHM

Author(s): YAO, L (YAO, L); SETHARES, WA (SETHARES, WA); KAMMER, DC (KAMMER, DC)

Source: AIAA JOURNAL Volume: 31 Issue: 10 Pages: 1922-1928 DOI: 10.2514/3.11868 Published: OCT 1993

327. Title: PARAMETER-IDENTIFICATION OF 2-DIMENSIONAL DISTRIBUTED SYSTEMS

Author(s): UCINSKI, D (UCINSKI, D); KORBICZ, J (KORBICZ, J)

Source: INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE Volume: 21 Issue: 12 Pages: 2441-2456 DOI: 10.1080/00207729008910563 Published: DEC 1990

328. Title: OPTIMUM EXPERIMENTAL-DESIGN FOR PARAMETER-IDENTIFICATION IN GROUNDWATER HYDROLOGY

Author(s): HSU, NS (HSU, NS); YEH, WWG (YEH, WWG)

Source: WATER RESOURCES RESEARCH Volume: 25 Issue: 5 Pages: 1025-1040 DOI: 10.1029/WR025i005p01025 Published: MAY 1989

329. Title: SIMULTANEOUS STATE AND PARAMETER-ESTIMATION AND LOCATION OF SENSORS FOR DISTRIBUTED SYSTEMS

Author(s): MALEBRANCHE, H (MALEBRANCHE, H)

Source: INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE Volume: 19 Issue: 8 Pages: 1387-1405 DOI: 10.1080/00207728808964045 Published: AUG 1988

330. Title: SENSORS AND CONTROLLERS LOCATION IN DISTRIBUTED SYSTEMS - A SURVEY

Author(s): KUBRUSLY, CS (KUBRUSLY, CS); MALEBRANCHE, H (MALEBRANCHE, H)

Source: AUTOMATICA Volume: 21 Issue: 2 Pages: 117-128 DOI: 10.1016/0005-1098(85)90107-4 Published: 1985

Rafajłowicz, Ewaryst.:

Decomposition of the leastsquares identification algorithm on the basis of two-stage experiment. Systems Science. 1981, vol. 7, nr 1, s. 105-109.

331. Title: ON THE EQUIVALENCE CONDITIONS OF 2-STAGE AND DIRECT IDENTIFICATION METHODS

Author(s): STANKIEWICZ, A (STANKIEWICZ, A)

Source: KYBERNETIKA Volume: 21 Issue: 1 Pages: 41-60 Published: 1985

Rafajłowicz, Ewaryst.:

Design of experiments for parameter identification of the static distributed systems. Systems Science. 1978, vol. 4, nr 4, s. 349-361.

332. Title: Optimal Sensor Networks Scheduling in Identification of Distributed Parameter Systems

Author(s): Patan, M (Patan, M)

Source: OPTIMAL SENSOR NETWORKS SCHEDULING IN IDENTIFICATION OF DISTRIBUTED PARAMETER SYSTEMS Book Series: Lecture Notes in Control and Information Sciences Volume: 425 Pages: 1-289 DOI: 10.1007/978-3-642-28230-0 Published: 2012

333. Title: Optimal location of measurements for parameter estimation of distributed parameter systems

Author(s): Alana, JE (Alana, Jorge E.); Theodoropoulos, C (Theodoropoulos, Constantinos)

Source: COMPUTERS & CHEMICAL ENGINEERING Volume: 35 Issue: 1 Pages: 106-120 DOI: 10.1016/j.compchemeng.2010.04.014 Published: JAN 10 2011

334. Title: Simultaneous estimation of heat transfer coefficient and thermal conductivity with application to microelectronic materials

Author(s): Zawada, T (Zawada, T)

Source: MICROELECTRONICS JOURNAL Volume: 37 Issue: 4 Pages: 340-352 DOI: 10.1016/j.mejo.2005.04.052 Published: APR 2006

335. Title: Optimal mobile sensor motion planning under nonholonomic constraints for parameter estimation of distributed systems

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Book Group Author(s): IEEE

Source: 2005 IEEE/RSJ International Conference on Intelligent Robots and Systems, Vols 1-4 Pages: 1505-1510 Published: 2005

336. Title: Optimal location of sensors for parameter estimation of static distributed systems

Author(s): Patan, M (Patan, M); Ucinski, D (Ucinski, D)

Edited by: Wyrzykowski R; Dongarra J; Paprzycki M; Wasniewski J

Source: PARALLEL PROCESSING APPLIED MATHEMATICS Book Series: LECTURE NOTES IN COMPUTER SCIENCE Volume: 2328 Pages: 729-737 Published: 2002

337. Title: SIMULTANEOUS STATE AND PARAMETER-ESTIMATION AND LOCATION OF SENSORS FOR DISTRIBUTED SYSTEMS

Author(s): MALEBRANCHE, H (MALEBRANCHE, H)

Source: INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE Volume: 19 Issue: 8 Pages: 1387-1405 DOI: 10.1080/00207728808964045 Published: AUG 1988

Rutkowski, Leszek., Rafajłowicz, Ewaryst.:

On optimal global rate of convergence of some nonparametric identification procedures.

IEEE Transactions on Automatic Control. 1989, vol. 34, nr 10, s. 1089-1091.

338. Title: On the Application of Orthogonal Series Density Estimation for Image Classification Based on Feature Description

Author(s): Duda, P (Duda, Piotr); Jaworski, M (Jaworski, Maciej); Pietruczuk, L (Pietruczuk, Lena);

Korytkowski, M (Korytkowski, Marcin); Gabryel, M (Gabryel, Marcin); Scherer, R (Scherer, Rafal)

Edited by: Skulimowski AMJ; Kacprzyk J

Source: KNOWLEDGE, INFORMATION AND CREATIVITY SUPPORT SYSTEMS: RECENT TRENDS, ADVANCES AND SOLUTIONS, KICSS 2013 Book Series: Advances in Intelligent Systems and Computing Volume: 364 Pages: 529-540 DOI: 10.1007/978-3-319-19090-7_40 Published: 2016

339. Title: Trigonometric regression estimation for observations with additive and multiplicative errors

Author(s): Popinski, W (Popinski, Waldemar)

Source: COMMUNICATIONS IN STATISTICS-THEORY AND METHODS Volume: 45 Issue: 3 Pages: 804-812 DOI: 10.1080/03610926.2013.851236 Published: 2016

340. Title: Parallel Approach to the Levenberg-Marquardt Learning Algorithm for Feedforward Neural Networks

Author(s): Bilski, J (Bilski, Jaroslaw); Smolag, J (Smolag, Jacek); Zurada, JM (Zurada, Jacek M.)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 9119 Pages: 3-14 DOI: 10.1007/978-3-319-19324-3_1 Published: 2015

341. Title: Orthogonal Series Estimation of Regression Functions in Nonstationary Conditions

Author(s): Galkowski, T (Galkowski, Tomasz); Pawlak, M (Pawlak, Mirosław)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 9119 Pages: 427-435 DOI: 10.1007/978-3-319-19324-3_39 Published: 2015

342. Title: A New Interpretability Criteria for Neuro-Fuzzy Systems for Nonlinear Classification

Author(s): Lapa, K (Lapa, Krystian); Cpalka, K (Cpalka, Krzysztof); Galushkin, AI (Galushkin, Alexander I.)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 9119 Pages: 448-468 DOI: 10.1007/978-3-319-19324-3_41 Published: 2015

343. Title: A New Approach to Nonlinear Modeling Based on Significant Operating Points Detection

Author(s): Dziwinski, P (Dziwinski, Piotr); Avedyan, ED (Avedyan, Eduard D.)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT II (ICAISC 2015) Book Series: Lecture Notes in Computer Science Volume: 9120 Pages: 364-378 DOI: 10.1007/978-3-319-19369-4_33 Published: 2015

344. Title: Aspects of the Selection of the Structure and Parameters of Controllers Using Selected Population Based Algorithms

Author(s): Szczypta, J (Szczypta, Jacek); Lapa, K (Lapa, Krystian); Shao, ZF (Shao, Zhifei)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING ICAISC 2014, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 8467 Pages: 440-454 Published: 2014

345. Title: Nonparametric Extension of Regression Functions Outside Domain

Author(s): Galkowski, T (Galkowski, Tomasz); Pawlak, M (Pawlak, Mirosław)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING ICAISC 2014, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 8467 Pages: 518-530 Published: 2014

346. Title: Nonparametric Function Fitting in the Presence of Nonstationary Noise

Author(s): Galkowski, T (Galkowski, Tomasz); Pawlak, M (Pawlak, Mirosław)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING ICAISC 2014, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 8467 Pages: 531-538 Published: 2014

347. Title: New Method for Dynamic Signature Verification Using Hybrid Partitioning

Author(s): Zalasinski, M (Zalasinski, Marcin); Cpalka, K (Cpalka, Krzysztof); Er, MJ (Er, Meng Joo)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM
Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, ICAISC 2014, PT II Book Series: Lecture Notes in Artificial Intelligence Volume: 8468 Pages: 216-230 Published: 2014

348. Title: Kernel Estimation of Regression Functions in the Boundary Regions

Author(s): Galkowski, T (Galkowski, Tomasz)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT II Book Series: Lecture Notes in Artificial Intelligence Volume: 7895 Pages: 158-166 Published: 2013

349. Title: On the Uniform Convergence of the Orthogonal Series-Type Kernel Regression Neural Networks in a Time-Varying Environment

Author(s): Er, MJ (Er, Meng Joo); Duda, P (Duda, Piotr)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 7267 Pages: 39-46 Published: 2012

350. Title: On the Strong Convergence of the Orthogonal Series-Type Kernel Regression Neural Networks in a Non-stationary Environment

Author(s): Duda, P (Duda, Piotr); Hayashi, Y (Hayashi, Yoichi); Jaworski, M (Jaworski, Maciej)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 7267 Pages: 47-54 Published: 2012

351. Title: On the Strong Convergence of the Recursive Orthogonal Series-Type Kernel Probabilistic Neural Networks Handling Time-Varying Noise

Author(s): Duda, P (Duda, Piotr); Korytkowski, M (Korytkowski, Marcin)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 7267 Pages: 55-62 Published: 2012

352. Title: On the Application of the Parzen-Type Kernel Regression Neural Network and Order Statistics for Learning in a Non-stationary Environment

Author(s): Jaworski, M (Jaworski, Maciej); Er, MJ (Er, Meng Joo); Pietruczuk, L (Pietruczuk, Lena)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 7267 Pages: 90-98 Published: 2012

353. Title: On Learning in a Time-Varying Environment by Using a Probabilistic Neural Network and the Recursive Least Squares Method

Author(s): Jaworski, M (Jaworski, Maciej); Gabryel, M (Gabryel, Marcin)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 7267 Pages: 99-110 Published: 2012

354. Title: Weak Convergence of the Parzen-Type Probabilistic Neural Network Handling Time-Varying Noise

Author(s): Pietruczuk, L (Pietruczuk, Lena); Er, MJ (Er, Meng Joo)

Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM

Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 7267 Pages: 152-159 Published: 2012

355. Title: Strong Convergence of the Recursive Parzen-Type Probabilistic Neural Network Handling Nonstationary Noise
 Author(s): Pietruczuk, L (Pietruczuk, Lena); Hayashi, Y (Hayashi, Yoichi)
 Edited by: Rutkowski L; Korytkowski M; Scherer R; Tadeusiewicz R; Zadeh LA; Zurada JM
 Source: ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING, PT I Book Series: Lecture Notes in Artificial Intelligence Volume: 7267 Pages: 160-168 Published: 2012
356. Title: On the Weak Convergence of the Recursive Orthogonal Series-Type Kernel Probabilistic Neural Networks in a Time-Varying Environment
 Author(s): Duda, P (Duda, Piotr); Hayashi, Y (Hayashi, Yoichi)
 Edited by: Wyrzykowski R; Dongarra J; Karczewski K; Wasniewski J
 Source: PARALLEL PROCESSING AND APPLIED MATHEMATICS, PT I Book Series: Lecture Notes in Computer Science Volume: 7203 Pages: 427-434 Published: 2012
357. Title: On the Cesaro Orthogonal Series-Type Kernel Probabilistic Neural Networks Handling Non-stationary Noise
 Author(s): Duda, P (Duda, Piotr); Zurada, JM (Zurada, Jacek M.)
 Edited by: Wyrzykowski R; Dongarra J; Karczewski K; Wasniewski J
 Source: PARALLEL PROCESSING AND APPLIED MATHEMATICS, PT I Book Series: Lecture Notes in Computer Science Volume: 7203 Pages: 435-442 Published: 2012
358. Title: On the Weak Convergence of the Orthogonal Series-Type Kernel Regression Neural Networks in a Non-stationary Environment
 Author(s): Er, MJ (Er, Meng Joo); Duda, P (Duda, Piotr)
 Edited by: Wyrzykowski R; Dongarra J; Karczewski K; Wasniewski J
 Source: PARALLEL PROCESSING AND APPLIED MATHEMATICS, PT I Book Series: Lecture Notes in Computer Science Volume: 7203 Pages: 443-450 Published: 2012
359. Title: On General Regression Neural Network in a Nonstationary Environment
 Author(s): Hayashi, Y (Hayashi, Yoichi); Pietruczuk, L (Pietruczuk, Lena)
 Edited by: Wyrzykowski R; Dongarra J; Karczewski K; Wasniewski J
 Source: PARALLEL PROCESSING AND APPLIED MATHEMATICS, PT I Book Series: Lecture Notes in Computer Science Volume: 7203 Pages: 461-469 Published: 2012
360. Title: Learning in a Non-stationary Environment Using the Recursive Least Squares Method and Orthogonal-Series Type Regression Neural Network
 Author(s): Jaworski, M (Jaworski, Maciej); Er, MJ (Er, Meng Joo)
 Edited by: Wyrzykowski R; Dongarra J; Karczewski K; Wasniewski J
 Source: PARALLEL PROCESSING AND APPLIED MATHEMATICS, PT I Book Series: Lecture Notes in Computer Science Volume: 7203 Pages: 480-489 Published: 2012
361. Title: On the Application of the Parzen-Type Kernel Probabilistic Neural Network and Recursive Least Squares Method for Learning in a Time-Varying Environment
 Author(s): Jaworski, M (Jaworski, Maciej); Hayashi, Y (Hayashi, Yoichi)
 Edited by: Wyrzykowski R; Dongarra J; Karczewski K; Wasniewski J
 Source: PARALLEL PROCESSING AND APPLIED MATHEMATICS, PT I Book Series: Lecture Notes in Computer Science Volume: 7203 Pages: 490-500 Published: 2012
362. Title: Weak Convergence of the Recursive Parzen-Type Probabilistic Neural Network in a Non-stationary Environment
 Author(s): Pietruczuk, L (Pietruczuk, Lena); Zurada, JM (Zurada, Jacek M.)
 Edited by: Wyrzykowski R; Dongarra J; Karczewski K; Wasniewski J

Source: PARALLEL PROCESSING AND APPLIED MATHEMATICS, PT I Book Series: Lecture Notes in Computer Science Volume: 7203 Pages: 521-529 Published: 2012

363. Title: Strong Convergence of the Parzen-Type Probabilistic Neural Network in a Time-Varying Environment

Author(s): Pietruczuk, L (Pietruczuk, Lena); Er, MJ (Er, Meng Joo)

Edited by: Wyrzykowski R; Dongarra J; Karczewski K; Wasniewski J

Source: PARALLEL PROCESSING AND APPLIED MATHEMATICS, PT I Book Series: Lecture Notes in Computer Science Volume: 7203 Pages: 530-538 Published: 2012

364. Title: Learning in a Time-Varying Environment by Making Use of the Stochastic Approximation and Orthogonal Series-Type Kernel Probabilistic Neural Network

Author(s): Zurada, JM (Zurada, Jacek M.); Jaworski, M (Jaworski, Maciej)

Edited by: Wyrzykowski R; Dongarra J; Karczewski K; Wasniewski J

Source: PARALLEL PROCESSING AND APPLIED MATHEMATICS, PT I Book Series: Lecture Notes in Computer Science Volume: 7203 Pages: 539-548 Published: 2012

365. Title: Nonparametric System Identification

Author(s): Greblicki, W (Greblicki, W); Pawlak, M (Pawlak, M)

Source: NONPARAMETRIC SYSTEM IDENTIFICATION Pages: 1-390 DOI: 10.1017/CBO9780511536687 Published: 2008

366. Title: Image compression based on soft computing techniques

Author(s): Cierniak, R (Cierniak, R)

Edited by: Wyrzykowski R; Dongarra J; Paprzycki M; Wasniewski J

Source: PARALLEL PROCESSING AND APPLIED MATHEMATICS Book Series: Lecture Notes in Computer Science Volume: 3019 Pages: 609-617 Published: 2004

367. Title: A flexible Connectionist fuzzy system

Author(s): Cpalka, K (Cpalka, K)

Edited by: Wyrzykowski R; Dongarra J; Paprzycki M; Wasniewski J

Source: PARALLEL PROCESSING AND APPLIED MATHEMATICS Book Series: Lecture Notes in Computer Science Volume: 3019 Pages: 618-625 Published: 2004

368. Title: Neuro-fuzzy versus non-parametric approach to system modeling and classification

Author(s): Nowicki, R (Nowicki, R)

Edited by: Wyrzykowski R; Dongarra J; Paprzycki M; Wasniewski J

Source: PARALLEL PROCESSING AND APPLIED MATHEMATICS Book Series: Lecture Notes in Computer Science Volume: 3019 Pages: 632-640 Published: 2004

369. Title: New methods for uncertainty representations in neuro-fuzzy systems

Author(s): Scherer, R (Scherer, R); Starczewski, J (Starczewski, J); Gaweda, A (Gaweda, A)

Edited by: Wyrzykowski R; Dongarra J; Paprzycki M; Wasniewski J

Source: PARALLEL PROCESSING AND APPLIED MATHEMATICS Book Series: Lecture Notes in Computer Science Volume: 3019 Pages: 659-667 Published: 2004

370. Title: Nonlinear system identification by the Haar multiresolution analysis

Author(s): Pawlak, M (Pawlak, M); Hasiewicz, Z (Hasiewicz, Z)

Source: IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS I-REGULAR PAPERS Volume: 45 Issue: 9 Pages: 945-961 DOI: 10.1109/81.721260 Published: SEP 1998

371. Title: Recovering band-limited signals under noise

Author(s): Pawlak, M (Pawlak, M); Stadtmuller, U (Stadtmuller, U)
Source: IEEE TRANSACTIONS ON INFORMATION THEORY Volume: 42 Issue: 5 Pages: 1425-1438 DOI:
10.1109/18.532883 Published: SEP 1996

372. Title: MULTIPLE FOURIER-SERIES PROCEDURES FOR EXTRACTION OF NONLINEAR
REGRESSIONS FROM NOISY DATA

Author(s): RUTKOWSKI, L (RUTKOWSKI, L)

Source: IEEE TRANSACTIONS ON SIGNAL PROCESSING Volume: 41 Issue: 10 Pages: 3062-3065 DOI:
10.1109/78.277809 Published: OCT 1993

373. Title: IDENTIFICATION OF MISO NONLINEAR REGRESSIONS IN THE PRESENCE OF A WIDE
CLASS OF DISTURBANCES

Author(s): RUTKOWSKI, L (RUTKOWSKI, L)

Source: IEEE TRANSACTIONS ON INFORMATION THEORY Volume: 37 Issue: 1 Pages: 214-216 DOI:
10.1109/18.61144 Published: JAN 1991

374. Title: NONPARAMETRIC-ESTIMATION OF A REGRESSION FUNCTION BY DELTA SEQUENCES

Author(s): ISOGAI, E (ISOGAI, E)

Source: ANNALS OF THE INSTITUTE OF STATISTICAL MATHEMATICS Volume: 42 Issue: 4 Pages: 699-
708 DOI: 10.1007/BF02481145 Published: DEC 1990

Steland, Ansgar., Rafajłowicz, Ewaryst.:

**Decoupling change-point detection based on characteristic functions : methodology, asymptotics,
subsampling and application.**

Journal of Statistical Planning and Inference. 2014, vol. 145, s. 49-73.

375. Title: The application of Subsampling the distribution of diverging statistics on time series

Author(s): Li, YF (Li Yun-fa)

Edited by: Xu XD; Li B; Lu QM; Yan XY; Li JL

Source: MECHATRONICS ENGINEERING, COMPUTING AND INFORMATION TECHNOLOGY Book Series:
Applied Mechanics and Materials Volume: 556-562 Pages: 4555-4558 DOI:
10.4028/www.scientific.net/AMM.556-562.4555 Published: 2014

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