Ключевые слова автора
‹ Вернуться к результатам | ‹ Назад 3 из 53 Далее ›
Темы SciVal
Скачать Печать Сохранить в PDF ☆ Сохранить в список Создать библиографию
Параметры

Studies in Systems, Decision and Control • Том 203, Страницы 105 - 128 • 2019

Control of Stochastic Systems Based on the Predictive Models of Random Sequences

Atamanyuk, Igor[a] ; Kacprzyk, Janusz[b] ; Kondratenko, Yuriy P.[c] ;
Solesvik, Marina[d]
Сохранить всех в список авторов

[a] Mykolayiv National Agrarian University, Mykolayiv, Ukraine
[b] Systems Research Institute, Polish Academy of Sciences, Warsaw, Poland
[c] Petro Mohyla Black Sea National University, Mykolaiv, Ukraine
[d] Nord University Business School, Nord University, Bodø, Norway

Тип документа
Глава книги
Тип источника
Книжная серия
ISSN
21984182
DOI
10.1007/978-3-030-21927-7_6
Издатель
Springer International Publishing
Язык оригинала
English
Смотреть меньше ^

1 48th percentile
Цитата в Scopus

0,41
FWCI

52
Количество просмотров

Просмотреть все параметры ›

Опции полного текста ˅ Экспорт ˅

Краткое описание

This chapter is devoted to the development of the mathematical models of stochastic control systems based on the predictive models of random sequences. In particular, the linear algorithms of the forecast of a control object state for an arbitrary number of states of an investigated object and the values of a control parameter are obtained. In a mean-square sense, the algorithms allow one to get an optimal estimation of the future values of a forecasted parameter, in case true known values for an observation interval are used, provided that the measurements are made with errors. Using an arbitrary number of non-linear stochastic relations, a predictive model of a control system is obtained as well. The schemes that reflect the peculiarities of determining the parameters of a nonlinear algorithm and its functioning regularities are introduced in the work. Developed models allows one to take the peculiarities of the sequence of the change of control object parameters into full consideration and also to make full use of all known priori and posteriori information about the random sequence that was investigated. The algorithms obtained in this chapter can be used in different areas of human activity to solve a wide range of problems of the control of the objects of stochastic nature. © 2019, Springer Nature Switzerland AG.

Ключевые слова автора

Canonical expansion; Control; Predictive models; Random sequences; Stochastic systems

Темы SciVal

Название темы	Random Sequence; Smart Home; Automation
Процентиль актуальности	67.169

Параметры

Показатели Scopus

1 48-й процентиль
Цитата в Scopus

0,41
Взвешенный по области знаний индекс цитирования (FWCI)

Количество просмотров
Последнее обновление 19 Январь 2023

52
Количество просмотров 2015-2024

Другие параметры ›

Параметры PlumX

Собранные данные

4
Readers

Просмотреть подробные сведения PlumX ›

Пристатейные ссылки (99)

Просмотреть в формате результатов поиска ›

☐ Все
Экспорт Печать Электронная почта Сохранить в PDF Создать библиографию

Цитирования в 1 документе

Fuzzy Automatic Control of the Pyrolysis Process for the Municipal Solid Waste of Variable Composition
Kozlov, O. , Kondratenko, Y. , Lysiuk, H.
(2022) Journal of Automation, Mobile Robotics and Intelligent Systems

Просмотреть подробные сведения об этом цитировании

Сообщайте мне, когда этот документ будет цитироваться в Scopus:

Задать оповещение о цитировании ›

Связанные документы

Method of an optimal nonlinear extrapolation of a noisy random sequence on the basis of the apparatus of canonical expansions
Atamanyuk, I. , Shebanin, V. , Kondratenko, Y.
(2019) Advances in Intelligent Systems and Computing

Models and algorithms for prediction of electrical energy consumption based on canonical expansions of random sequences
Atamanyuk, I. , Kondratenko, V. , Kondratenko, Y.
(2019) Studies in Systems, Decision and Control

Nonlinear model of a stochastic control system
Atamanyuk, I. , Sheptylevskyi, O. , Lykhach, V.
(2020) CEUR Workshop Proceedings

Просмотр всех связанных документов исходя из пристатейных ссылок

Найти дополнительные связанные документы в Scopus исходя из следующего параметра:

Авторы › Ключевые слова ›

☐ 1 Kuntsevich, V.M.
Control in Uncertain Conditions: Guaranteed Results in Control and Identification Tasks. Naukova Dumka
(2006) *Kyiv.* Цитировано 88 раз.

☐ 2 Kuntsevich, V.M., Gubarev, V.F., Kondratenko, Y.P., Lebedev, D.V., Lysenko, V.P.
Control systems: Theory and applications

(2018) *Control Systems: Theory and Applications*, pp. 1-326. Цитировано 43 раз.
https://www.riverpublishers.com/book_details.php?book_id=668
ISBN: 978-877022025-5; 978-877022024-8

☐ 3 (2010)

☐ 4 Dorf, R.C., Bishop, R.H.
(2001) *Modern Control Systems, 9Th Edn.* Цитировано 3877 раз.
Prentice Hall, Upper Saddle River, NJ

☐ 5 Azarskov, V.M., Blokhin, L.N., Zhiteckij, L.S., Kussul, N.N.
(2004) *Robust Methods of Estimation, Identification and Adaptive Control.* Цитировано 3 раз.
(in Russian)

☐ 6 Mikhalyov, A.I.
(2016)

☐ 7 Kuntsevich, V.M., Kuntsevich, A.V.
Analysis of the pursuit-evasion process for moving plants under uncertain observation errors dependent on states

(2002) *IFAC Proceedings Volumes (IFAC-PapersOnline)*, 15 (1), pp. 1-6. Цитировано 6 раз.
http://www.ifac-papersonline.net/browser?browse=c
ISBN: 978-390266174-6
doi: 10.3182/20020721-6-es-1901.00411

View at Publisher

☐ 8 Dorf, R.C.
(1990) *Modern Control Systems, 5Th Edn.* Цитировано 3877 раз.
Addison-Wesley Publishing Company, Reading, Massachusetts

☐ 9 Goodwin, G.C., Graebe, S.F., Salgado, M.E.
(2001) *Control Systems Design.* Цитировано 2007 раз.
Prentice Hall, Upper Saddle River, NJ

☐ 10 Ladanyuk, A.P., Kyshen'Ko, V.D., Luts'Ka, N.M., Ivashchuk, V.V.
Methods of Modern Control Theory. NUKhT
(2010) *Kyiv*
(in Ukrainian)

☐ 11 Krak, Y.V., Levoshych, O.L.
Control Theory. Taras Shevchenko KNU
(2001) *Kyiv*

☐ 12 Osadchiy, S.I., Kalich, V.M., Didyk, O.K.
Structural identification of unmanned supercavitation vehicle based on incomplete experimental data

(2013) *2013 IEEE 2nd International Conference on Actual Problems of Unmanned Air Vehicles Developments, APUAVD 2013 - Proceedings*, art. no. 6705294, pp. 93-95. Цитировано 9 раз.
ISBN: 978-147993306-8
doi: 10.1109/APUAVD.2013.6705294

View at Publisher

☐ 13 Burl, J.B.
(1999) *Linear Optimal Control.* Цитировано 536 раз.
Addison-Wesley, Menlo Park, California

☐ 14 Timchenko, V.L., Kondratenko, Yu.P.
Robust stabilization of marine mobile objects on the basis of systems with variable structure of feedbacks

(2011) *Journal of Automation and Information Sciences*, 43 (6), pp. 16-29. Цитировано 8 раз.
http://dl.begellhouse.com/download/article/63dcb2e47f36990d/JAIS%204306%20(16-29)%20Timchenko.pdf
doi: 10.1615/JAutomatInfScien.v43.i6.20

View at Publisher

☐ 15 Kondratenko, Y.P., Kozlov, O.V., Topalov, A.M.

Fuzzy controllers for increasing efficiency of the floating Dock's operations: Design and optimization

(2018) *Control Systems: Theory and Applications*, pp. 197-264. Цитировано 5 раз.
https://www.riverpublishers.com/book_details.php?book_id=668
ISBN: 978-877022025-5; 978-877022024-8

☐ 16 Prokopenya, A.N.

Symbolic-Numerical Analysis of the Relative Equilibria Stability in the Planar Circular Restricted Four-Body Problem

(2017) *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 10490 LNCS, pp. 329-345. Цитировано 3 раз.
http://springerlink.com/content/0302-9743/copyright/2005/
ISBN: 978-331966319-7
doi: 10.1007/978-3-319-66320-3_24

View at Publisher

☐ 17 Atamanyuk, I.P., Kondratenko, Y.P., Sirenko, N.N.

Forecasting economic indices of agricultural enterprises based on vector polynomial canonical expansion of random sequences

(2016) *CEUR Workshop Proceedings*, 1614, pp. 458-468. Цитировано 20 раз.
http://ceur-ws.org/

☐ 18 Atamanyuk, I., Kondratenko, Y., Sirenko, N.

Management system for agricultural enterprise on the basis of its economic state forecasting

(2018) *Studies in Systems, Decision and Control*, 125, pp. 453-470. Цитировано 14 раз.
www.springer.com/series/13304
doi: 10.1007/978-3-319-69989-9_27

View at Publisher

☐ 19 Atamanyuk, I.P., Kondratenko, Y.P.

Calculation method for a computer's diagnostics of cardiovascular diseases based on canonical decompositions of random sequences

(2015) *CEUR Workshop Proceedings*, 1356, pp. 108-120. Цитировано 23 раз.
http://ceur-ws.org/

☐ 20 Shebanin, V., Atamanyuk, I., Kondratenko, Y., Volosyuk, Y.

Canonical mathematical model and information technology for cardio-vascular diseases diagnostics

(2017) *2017 14th International Conference The Experience of Designing and Application of CAD Systems in Microelectronics, CADSM 2017 - Proceedings*, art. no. 7916170, pp. 438-440. Цитировано 9 раз.
ISBN: 978-150905044-4
doi: 10.1109/CADSM.2017.7916170

View at Publisher

☐ 21 Petunin, V.I.
Application of the Theory of Random Processes in Biology and Medicine. Naukova dumka
(1981) *Kyiv*
(in Russian)

☐ 22 Chikrii, A.A.
Conflict-Controlled Processes
(1997) *Kluwer Academic Publishers, Boston-London-Dordrecht*

☐ 23 Chikrii, A.A.

Control of moving objects in condition of conflict

(2018) *Control Systems: Theory and Applications*, pp. 17-42. Цитировано 2 раз.
https://www.riverpublishers.com/book_details.php?book_id=668
ISBN: 978-877022025-5; 978-877022024-8

☐ 24 Chen, G., Chen, G., Hsu, S.-H.
(2000) *Linear Stochastic Control Systems*, p. 464. Цитировано 99 раз.
CRC Press, New York

☐ 25 Solesvik, M., Kondratenko, Y.

Architecture for collaborative digital simulation for the polar regions

(2019) *Studies in Systems, Decision and Control*, 171, pp. 517-531. Цитировано 7 раз.
www.springer.com/series/13304
doi: 10.1007/978-3-030-00253-4_22

View at Publisher

☐ 26 Sharman, R., Lane, T.
(2016)

☐ 27 Kazak, V.M.
(2010) *Systemic Methods of Restoration of Survivability of Aircraft in Special Situations in Flight. Publications National Aviation University "NAU-druk*
in Ukrainian

☐ 28 Lebedev, D.V., Tkachenko, A.I.
Navigation and Orientation Control of Small Spacecraft. Naukova Dumka
(2006) *Kyiv*
(in Russian)

☐ 29 Fillipova, T.A.
Sidorkin, YuM, Rusina, A.G.: Optimization of Regimes of Electric Power Stations and Power Systems. Publ, NSTU
(2007) *Novosibirsk*
(in Russian)

☐ 30 Pupkov, K.A., Yegupov, N.D.
(Eds.): Methods of classical and modern theory of automatic control
(2004) *Statistical Dynamics and Identification of Automatic Control Systems*, 2.
Bauman, N.E. (ed.), Publications MSTU n.a., Moscow

☐ 31 Kondratenko, Y.P., Kozlov, O.V., Kondratenko, G.V., Atamanyuk, I.P.
Mathematical model and parametrical identification of ecopyrogenesis plant based on soft computing techniques
(2018) *Studies in Systems, Decision and Control*, 125, pp. 201-233. Цитировано 22 раз.
www.springer.com/series/13304
doi: 10.1007/978-3-319-69989-9_13
View at Publisher

☐ 32 Gubarev, V.F., Gummel, A.V., Kryshtal, A.A., Oles, V.Yu.
On the structural and parametric identification under the limited uncertainty and approximating models of multidimensional systems
(2011) *Journal of Automation and Information Sciences*, 43 (6), pp. 1-15.
http://dl.begellhouse.com/download/article/0b3ae96c71c21858/JAIS%204306%20(1-15)%20Gubarev.pdf
doi: 10.1615/JAutomatInfScien.v43.i6.10
View at Publisher

☐ 33 Kuntsevich, V.M.
Estimation of impact of bounded perturbations on nonlinear discrete systems
(2018) *Control Systems: Theory and Applications*, pp. 3-15.
https://www.riverpublishers.com/book_details.php?book_id=668
ISBN: 978-877022025-5; 978-877022024-8

☐ 34 Kuntsevich, V.M., Luchak, M.M.
(1992) *Guaranteed Estimates, Adaptation and Robustness in Control Systems.* Цитировано 45 раз.

☐ 35 Simon, D.
Optimal state estimation: Kalman, H∞, and nonlinear approaches
(2006) *Optimal State Estimation: Kalman, H∞, and Nonlinear Approaches*, pp. 1-526. Цитировано 5583 раз.
http://onlinelibrary.wiley.com/book/10.1002/0470045345
ISBN: 978-047004534-3; 0471708585; 978-047170858-2
doi: 10.1002/0470045345
View at Publisher

☐ 36 �…ström, K.J.
Introduction to Stochastic Control Theory
(1970) *Academic Press, Newyork, London.* Цитировано 169 раз.

☐ 37 Aoki, M.
(1989) *Optimisation of Stochastic Systems.* Цитировано 490 раз.
2nd ed. Academic Press

☐ 38 Rosin, M.F., Bulygin, V.S.
(1981) *Statistic Dynamics and Effectiveness Theory of the Control Systems.* Цитировано 12 раз.
Mashinostroyeniye, Moscow, in Russian

☐ 39 Lewis, F.L., Campos, J., Selmic, R.
(2002) *Neuro-Fuzzy Control of Industrial Systems with Actuator Nonlinearities.* Цитировано 233 раз.
SIAM, Philadelphia

☐ 40 Kondratenko, Y.P., Gordienko, E.

Implementation of the neural networks for adaptive control system on FPGA

(2012) *23rd DAAAM International Symposium on Intelligent Manufacturing and Automation 2012*, 1, pp. 389-392. Цитировано 33 раз.

☐ 41 Kondratenko, Y.P., Kozlov, O.V., Gerasin, O.S., Zaporozhets, Y.M.

Synthesis and research of neuro-fuzzy observer of clamping force for mobile robot automatic control system

(2016) *Proceedings of the 2016 IEEE 1st International Conference on Data Stream Mining and Processing, DSMP 2016*, art. no. 7583514, pp. 90-95. Цитировано 23 раз.
ISBN: 978-150903736-0
doi: 10.1109/DSMP.2016.7583514

View at Publisher

☐ 42 Kondratenko, Y.P., Simon, D.

Structural and parametric optimization of fuzzy control and decision making systems

(2018) *Studies in Fuzziness and Soft Computing*, 361, pp. 273-289. Цитировано 41 раз.
http://www.springer.com/sgw/cda/frontpage/0,11855,1-40356-69-1191779-0,00.html?changeHeader=true"
doi: 10.1007/978-3-319-75408-6_22

View at Publisher

☐ 43 Gomolka, Z., Dudek-Dyduch, E., Kondratenko, Y.P.

From homogeneous network to neural nets with fractional derivative mechanism

(2017) *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 10245 LNAI, pp. 52-63. Цитировано 23 раз.
http://springerlink.com/content/0302-9743/copyright/2005/
ISBN: 978-331959062-2
doi: 10.1007/978-3-319-59063-9_5

View at Publisher

☐ 44 Solesvik, M., Kondratenko, Y., Kondratenko, G., Sidenko, I., Kharchenko, V., Boyarchuk, A.

Fuzzy decision support systems in marine practice

(2017) *IEEE International Conference on Fuzzy Systems*, art. no. 8015471. Цитировано 39 раз.
ISBN: 978-150906034-4
doi: 10.1109/FUZZ-IEEE.2017.8015471

View at Publisher

☐ 45 Kondratenko, Y., Kondratenko, V.

Soft computing algorithm for arithmetic multiplication of fuzzy sets based on universal analytic models (Открытый доступ)

(2014) *Communications in Computer and Information Science*, 469, pp. 49-77. Цитировано 31 раз.
http://www.springer.com/series/7899
doi: 10.1007/978-3-319-13206-8_3

View at Publisher

☐ 46 Kondratenko, Y.P., Kondratenko, N.Y.

Synthesis of analytic models for subtraction of fuzzy numbers with various membership function's shapes

(2018) *Advances in Intelligent Systems and Computing*, 730, pp. 87-100. Цитировано 6 раз.
http://www.springer.com/series/11156
ISBN: 978-331975791-9
doi: 10.1007/978-3-319-75792-6_8

View at Publisher

☐ 47 Shebanin, V., Atamanyuk, I., Kondratenko, Y., Volosyuk, Y.

Application of fuzzy predicates and quantifiers by matrix presentation in informational resources modeling

(2016) *Perspective Technologies and Methods in MEMS Design, MEMSTECH 2016 - Proceedings of 12th International Conference*, art. no. 7507536, pp. 146-149. Цитировано 15 раз.
ISBN: 978-617607913-2
doi: 10.1109/MEMSTECH.2016.7507536

View at Publisher

☐ 48 Kondratenko, Y.P., Kondratenko, N.Y.

Soft computing analytic models for increasing the efficiency of fuzzy information processing in decision support systems

(2015) *Decision-Making: Processes, Behavioral Influences and Role in Business Management*, pp. 41-77. Цитировано 25 раз.
https://www.novapublishers.com/catalog/product_info.php?products_id=55090
ISBN: 978-163483013-3; 978-163482959-5

☐ 49 Kondratenko, Y., Al Zubi, E.Y.M.

The optimisation approach for increasing efficiency of digital fuzzy controllers

(2009) *Annals of DAAAM and Proceedings of the International DAAAM Symposium*, pp. 1589-1590. Цитировано 29 раз.
http://daaam.info/?page_id=895
ISBN: 978-390150970-4

☐ 50 Kacprzyk, J.
(1997) *Multistage Fuzzy Control: A Prescriptive Approach*. Цитировано 266 раз.
Wiley, New York, NY, USA

☐ 51 Kacprzyk, Janusz, Staniewski, Piotr
NEW APPROACH TO THE CONTROL OF STOCHASTIC SYSTEMS IN A FUZZY ENVIRONMENT.

(1980) *Archiwum Automatyki i Telemechaniki*, 25 (4), pp. 433-444. Цитировано 14 раз.

☐ 52 Kacprzyk, Janusz, Safteruk, Krzysztof, Staniewski, Piotr
ON THE CONTROL OF STOCHASTIC SYSTEMS IN A FUZZY ENVIRONMENT OVER INFINITE HORIZON.

(1981) *Systems Science*, 7 (2), pp. 121-131. Цитировано 4 раз.

☐ 53 Esogbue, A.O., Fedrizzi, M., Kacprzyk, J.
Fuzzy dynamic programming with stochastic systems
(1988) *Combining Fuzzy Imprecision with Probabilistic Uncertainty in Decision Making. Lecture Notes in Economics and Mathematical Systems, Vol 310. Springer*, pp. 266-285. Цитировано 11 раз.
Kacprzyk, J., Fedrizzi, M. (eds.), Berlin, Heidelberg, pp
https://doi.org/10.1007/978-3-642-46644-1_19

☐ 54 Kvakernak, H.
(1977) *Sivan River: Linear Optimum Control Systems, 650 P*
World, Moscow

☐ 55 Wiener, N.

☐ 56 Kolmogorov, A.N.
Interpolation and extrapolation of stationary random sequences
(1941) *J. Proc. Acad. Sci. USSR. Math. Ser.*, 5, pp. 3-14. Цитировано 409 раз.

☐ 57 Kalman, R.E.
A new approach to linear filtering and prediction problems

(1960) *Journal of Fluids Engineering, Transactions of the ASME*, 82 (1), pp. 35-45. Цитировано 21360 раз.
doi: 10.1115/1.3662552

View at Publisher

☐ 58 Simon, D.
Training fuzzy systems with the extended Kalman filter

(2002) *Fuzzy Sets and Systems*, 132 (2), pp. 189-199. Цитировано 120 раз.
doi: 10.1016/S0165-0114(01)00241-X

View at Publisher

☐ 59 Box, G.E.P., Jenkins, G.M.
(1970) *Time—Series Analysis, Forecasting and Control. Holden–Day, San Francisco.* Цитировано 23407 раз.

☐ 60 Pugachev, V.S.
(1962) *The Theory of Random Functions and Its Application, 720 P.* Цитировано 242 раз.
Fitmatgiz, Moscow

☐ 61 Kudritsky, V.D.

☐ 62 Atamanyuk, I.P., Kondratenko, Yu.P.
Method of generating realizations of random sequence with the specified characteristics based on nonlinear canonical decomposition (Открытый доступ)

(2016) *Journal of Automation and Information Sciences*, 48 (10), pp. 31-48.
http://www.dl.begellhouse.com/download/article/590daa2512e47279/31-48_Atamanyuk.pdf
doi: 10.1615/JAutomatInfScien.v48.i10.40

View at Publisher

☐ 63 Shebanin, V., Atamanyuk, I., Kondratenko, Y.
Simulation of vector random sequences based on polynomial degree canonical decomposition (Открытый доступ)

(2016) *Eastern-European Journal of Enterprise Technologies*, 5 (4-83), pp. 4-12. Цитировано 7 раз.
http://journals.uran.ua/eejet/article/download/80786/77126
doi: 10.15587/1729-4061.2016.80786

View at Publisher

☐ 64 Belan, V.V., Osadchiy, S.I.
Using canonical decomposition of spectral matrices to factor them

(1995) *Journal of Automation and Information Sciences*, 27 (2), pp. 57-62. Цитировано 3 раз.

☐ 65 Shebanin, V.S., Kondratenko, Y.P., Atamanyuk, I.P.

The method of optimal nonlinear extrapolation of vector random sequences on the basis of polynomial degree canonical expansion

(2018) *Advances in Intelligent Systems and Computing*, 730, pp. 14-25.
http://www.springer.com/series/11156
ISBN: 978-331975791-9
doi: 10.1007/978-3-319-75792-6_2

View at Publisher

☐ 66 Atamanyuk, I., Shebanin, V., Kondratenko, Y., Havrysh, V., Volosyuk, Y.

Method of an optimal nonlinear extrapolation of a noisy random sequence on the basis of the apparatus of canonical expansions

(2019) *Advances in Intelligent Systems and Computing*, 836, pp. 329-337.
http://www.springer.com/series/11156
ISBN: 978-331997884-0
doi: 10.1007/978-3-319-97885-7_32

View at Publisher

☐ 67 Atamanyuk, I., Kondratenko, V., Kondratenko, Y., Shebanin, V., Solesvik, M.

Models and algorithms for prediction of electrical energy consumption based on canonical expansions of random sequences

(2019) *Studies in Systems, Decision and Control*, 171, pp. 397-421. Цитировано 4 раз.
www.springer.com/series/13304
doi: 10.1007/978-3-030-00253-4_17

View at Publisher

☐ 68 Drozd, J., Drozd, A.

Models, methods and means as resources for solving challenges in co-design and testing of computer systems and their components

(2013) *International Conference on Digital Technologies 2013, DT 2013*, art. no. 6566307, pp. 176-180. Цитировано 31 раз.
ISBN: 978-147990922-3
doi: 10.1109/DT.2013.6566307

View at Publisher

☐ 69 Trunov, A.N.

☐ 70 Atamanyuk, I.P., Kondratenko, Y.P.

Computer's analysis method and reliability assessment of fault-tolerance operation of information systems

(2015) *CEUR Workshop Proceedings*, 1356, pp. 507-522. Цитировано 31 раз.
http://ceur-ws.org/

☐ 71 Atamanyuk, I., Shebanin, V., Volosyuk, Y., Kondratenko, Y.

Generalized method for prediction of the electronic devices and information systems' state

(2018) *International Conference on Perspective Technologies and Methods in MEMS Design*, pp. 91-95. Цитировано 3 раз.
https://ieeexplore.ieee.org/xpl/conhome/9107028/proceeding
doi: 10.1109/MEMSTECH.2018.8365709

View at Publisher

☐ 72 Atamanyuk, I.P., Kondratenko, Y.P., Shebanin, V.S.

Calculation methods of the prognostication of the computer systems state under different level of information uncertainty

(2016) *CEUR Workshop Proceedings*, 1614, pp. 292-307. Цитировано 4 раз.
http://ceur-ws.org/

☐ 73 Atamanyuk, I.P.

Algorithm of extrapolation of a nonlinear random process on the basis of its canonical decomposition

(2005) *Kibernetika i Sistemnyj Analiz*, (2), pp. 131-139. Цитировано 14 раз.

☐ 74 Atamanyuk, I.P.

Polynomial algorithm of optimal extrapolation of stochastic system parameters

(2002) *Upravlyayushchie Sistemy i Mashiny*, (1), pp. 16-20. Цитировано 14 раз.

☐ 75 Oskin, D.A., Dyda, A.A., Longhi, S., Monteriù, A.

Underwater Robot intelligent control based on multilayer neural network

(2015) *Advances in Intelligent Robotics and Collaborative Automation*, pp. 147-166.
https://www.riverpublishers.com/book_details.php?book_id=264
ISBN: 978-879323704-9; 978-879323703-2

☐ 76 Kondratenko, Y.P., Kozlov, O.V., Korobko, O.V., Topalov, A.M.

☐ 77 Nesterov, M., Skarga-Bandurova, I.
Troubleshooting and performance methodology for business critical systems
(Открытый доступ)

(2018) *Proceedings of 2018 IEEE 9th International Conference on Dependable Systems, Services and Technologies, DESSERT 2018*, pp. 521-525. Цитировано 7 раз.
http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=8401513
ISBN: 978-153865903-8
doi: 10.1109/DESSERT.2018.8409188

View at Publisher

☐ 78 Atamanyuk, I., Kondratenko, Y., Shebanin, V., Mirgorod, V.
Method of polynomial predictive control of fail-safe operation of technical systems

(2015) *Proceedings of 13th International Conference: The Experience of Designing and Application of CAD Systems in Microelectronics, CADSM 2015*, art. no. 7230848, pp. 248-251. Цитировано 15 раз.
ISBN: 978-617607716-9
doi: 10.1109/CADSM.2015.7230848

View at Publisher

☐ 79 Shcherbovskykh, S., Spodyniuk, N., Stefanovych, T., Zhelykh, V., Shepitchak, V.
Development of a reliability model to analyse the causes of a poultry module failure

(2016) *Eastern-European Journal of Enterprise Technologies*, 4 (3-82), pp. 4-9. Цитировано 13 раз.
http://journals.uran.ua/eejet/article/download/73354/72413
doi: 10.15587/1729-4061.2016.73354

View at Publisher

☐ 80 Shcherbovskykh, S., Stefanovych, T.
Reliability model developing for protective fittings taking into account load-sharing effect

(2015) *Eastern-European Journal of Enterprise Technologies*, 1 (3), pp. 37-44. Цитировано 5 раз.
http://journals.uran.ua/eejet
doi: 10.15587/1729-4061.2015.35951

View at Publisher

Atamanyuk, I.; Mykolayiv National Agrarian University, Mykolayiv, Ukraine; эл. почта:atamanyuk@mnau.edu.ua

© Copyright 2019 Elsevier B.V., All rights reserved.

‹ Вернуться к результатам | ‹ Назад 3 из 53 Далее ›
^ Верх страницы

О системе Scopus

Что такое Scopus
Содержание
Блог Scopus
Интерфейсы API Scopus
Вопросы конфиденциальности

Язык

Switch to English
日本語版を表示する
查看简体中文版本
查看繁體中文版本

Служба поддержки

Помощь
Обучающие материалы
Связь с нами

ELSEVIER Условия использования ↗ Политика конфиденциальности ↗ RELX™

Все материалы этого сайта: Copyright © 2024 Elsevier B.V. ↗, его лицензиары и участники. Все права защищены, включая права на сбор и анализ текста и данных, обучение искусственного интеллекта и подобные технологии. Ко всему контенту открытого доступа (open access) применяются условия лицензирования Creative Commons.
We use cookies to help provide and enhance our service and tailor content.By continuing, you agree to the use of cookies ↗.