

A synchronised double oscillator for the modified PLL frequency synthesiser

Männama, Vello ECCTD'97 : proceedings of the European Conference on Circuit Theory and Design, Aug. 31 - Sept. 3 1997, Budapest, Hungary. Vol. 1 1997 / p. 127-132

A testing procedure for a transferred electron device homodyne self-oscillating mixer

Krassavin, J. Tallinna Tehnikaülikooli Toimetised 1994 / lk. 89-101: ill

Autocorrelation function for a noisy fractional oscillator

Sauga, Ako; Mankin, Romi; Ainsaar, Ain Latest trends on systems. Volume 2 2010 / p. 585-589

Colpitts and chaos

Lindberg, Erik BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 323-326: ill

Driven nonlinear oscillators for modeling cardiac phenomena

Engelbrecht, Jüri; Herten, R. von; **Kongas, Olav** IUTAM Symposium Chaos'97 : Applications of Nonlinear and Chaotic Dynamics in Mechanics, Ithaca, New York, USA, July 27-Aug 1 1997 : abstracts 1997 / p. 24-25 <https://research.aalto.fi/en/publications/driven-nonlinear-oscillators-for-modeling-cardiac-phenomena>

Driven oscillators for modelling cardiac phenomena

Engelbrecht, Jüri; Herten, R. von; Kongas, Olav Proc. IUTAM Symp. New Applications of Nonlinear and Chaotic Dynamics in Mechanics 1999 / p. 333-342

Driven oscillators in modelling of heart dynamics

Engelbrecht, Jüri; **Kongas, Olav** Applicable analysis 1995 / p. 119-144

Dynamic voltage controlled HF and microwave band oscillator frequency stabilizing method

Kovanas, Sarunas; Zilinskas, Rimvydas BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 327-328: ill

Dynamical deformations of three-dimensional Lie algebras in Bianchi classification over the harmonic oscillator

Paal, Eugen; **Virkepu, Jüri** Journal of mathematical physics 2009 / p. 053523-1 - 053523-8

Dynamical equivalence between resonant translocation of a polymer chain and diversity-induced resonance

Patriarca, Marco; Scialla, Stefano; Heinsalu, Els; Yamakou, Marius E.; Cartwright, Julian H. E. Chaos : An Interdisciplinary Journal of Nonlinear Science 2025 / art. 073115 <https://doi.org/10.1063/5.0262633>

Fast modelling of oscillator transients

Kukk, Vello Proceedings of the First Electronic Circuits and Systems Conference : Bratislava, Slovakia, September 4-5, 1997 1997 / p. 27-30: ill

Harmonic linearisation for oscillator design

Kukk, Vello 5th International Conference on VLSI and CAD : ICVC'97 : October 13-15, 1997, Seoul, TEMF Hotel 1997 / p. 472-474: ill

High power factor converter for normalizing flicker of arc furnaces

Janson, Kuno; **Järvik, Jaan** Power Quality '98 : [International Conference, June 18-20, 1998] : Hyderabad, India / The Institute of Electrical and Electronics Engineers, Inc 1998 / p. 111-116: ill <https://ieeexplore.ieee.org/document/710363>

Hyperchaotic oscillators for synchronization experiments

Mykolaitis, G.; Tamaševicius, A.; Cenys, A.; Namajunas, A. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 279-282: ill

Influence of memory time on the resonant behavior of an oscillatory system described by a generalized Langevin equation

Laas, Katrin; Mankin, Romi; **Reiter, Eerik** International journal of mathematical models and methods in applied sciences 2011 / p. 280-289 : ill <https://www.semanticscholar.org/paper/Influence-of-memory-time-on-the-resonant-behavior-a-Laas-Mankin/12ead334af758d7d5472e77b3506604463202030>

Large signal models and monotonic phase signals for modelling of oscillators

Kukk, Vello Proceedings of 7th International Workshop on Nonlinear Dynamics of Electronic Systems : Rönne, Island of Bornholm, Denmark, July 15-17, 1999 1999 / p. 103-106

Large signal models for oscillator design

Kukk, Vello ISCAS '98 : Proceedings of the 1998 IEEE International Symposium on Circuits and Systems : May 31-June 3, 1998,

Miller capacitance tuning for voltage controlled oscillators and active filters at radio frequencies

Stadius, Kari; Kaunisto, Risto; Porra, Veikko BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 215-218

Modelling transients in oscillator circuits

Kukk, Vello NDES'97, Moscow, June 26-27 : posters 1997 / p. 520-525: ill

Ne, Ar, and Kr oscillators in the molecular cavity of fullerene C₆₀

Jafari, Tanzeeha; Shugai, Anna; Nagel, Urmas; Bacanu, George Razvan; Aouane, Mohamed; Jimenez-Ruiz, Monica; Rols, Stephane; Bloodworth, Sally; Walkey, Mark; Hoffman, Gabriela; Whitby, Richard J.; Levitt, Malcolm H.; Rõõm, Toomas The Journal of chemical physics 2023 / art. 234305 : ill <https://doi.org/10.1063/5.0152628>

Noisy fractional oscillator : Temporal behavior of the autocorrelation function

Sauga, Ako; Mankin, Romi; Ainsaar, Ain WSEAS Transactions on Systems 2010 / 10, p. 1019-1028 : ill

Note on 2d binary operadic harmonic oscillator

Paal, Eugen; Virkepu, Jüri Journal of generalized Lie theory and applications 2008 / 3, p. 221-225
<https://www.hilarispublisher.com/open-access/note-on-d-binary-operadic-harmonic-oscillator-1736-4337-2-140.pdf>

Note on operadic harmonic oscillator

Paal, Eugen; Virkepu, Jüri Reports on mathematical physics 2008 / 2, p. 207-212
<https://www.sciencedirect.com/science/article/abs/pii/S0034487708800080>

Performance and optimization of Gunn self-oscillating mixer

Krasavin, Jevgeni; Hinrikus, Hiie IEEE microwave and guided wave letters 1995 / 6, p. 177-179: ill

Phase noise in oscillators - numerical calculations by SPICE

Irscheid, Omar; Blum, Alfons BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 319-322: ill

Quantum counterparts of three-dimensional real Lie algebras over harmonic oscillator

Paal, Eugen; Virkepu, Jüri Central European journal of physics 2009 / [7] p <https://www.degruyter.com/document/doi/10.2478/s11534-009-0123-8/html?lang=en>

Quantum of V_{IIa} , $I_{IIa}=1$, $V_{Ia}=1$ over the harmonic oscillator in semiclassical approximation

Paal, Eugen; Virkepu, Jüri Proceedings of the Estonian Academy of Sciences 2010 / 4, p. 347-354

Raadiotehnilised ahelad : õppeabimaterjal. 2, Harmooniliste signaalide genereerimine

Heinrichsen, Vladimir 1974 https://www.ester.ee/record=b1294101*est

RC-ostsillaator : metoodiline juhend raadiotehniliste ahelate ja signaalide laboratoorse töö sooritamiseks

1984 https://www.ester.ee/record=b1245517*est

RC-осциллятор : методическое пособие к лабораторной работе по курсу "Радиотехнические цепи и сигналы"

1988 https://www.ester.ee/record=b1232560*est

Ring-oscillator with multiple transconductors for linear analog-to-digital conversion

Alvero-Gonzalez, Leidy Mabel; Medina, Victor; Kampus, Vahur; Paton, Susana; Hernandez, Luis; Gutierrez, Eric Electronics (Switzerland) 2021 / art. 1408 <https://doi.org/10.3390/electronics10121408> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

SCALLER: standard cell assembled and local layout effect-based ring oscillators

Aljafar, Muayad J.; UI Abideen, Zain; Peetermans, Adriaan; Gierlichs, Benedikt; Pagliarini, Samuel IEEE Embedded Systems Letters 2024 / p. 493 - 496 <https://doi.org/10.1109/LES.2024.3459730> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Self-modulated Gunn diode self-oscillating mixer

Krasavin, Jevgeni; Hinrikus, Hiie IEEE NTC '95 : The Microwave Systems Conference : conference proceedings 1995 / p. 61-62: ill <https://ieeexplore.ieee.org/document/522863>

Sisemise tagasisidega ostsillaator : metoodiline juhend raadiotehniliste ahelate ja signaalide laboratoorse töö sooritamiseks

1984 https://www.ester.ee/record=b1245521*est

Stochastic multiresonance and correlation-time-controlled stability for a harmonic oscillator with fluctuating frequency
Mankin, Romi; Laas, Katrin; Laas, Tõnu; **Reiter, Eerik** Physical review E 2008 / 3, p. 031120 [11 p.]
<https://journals.aps.org/pre/abstract/10.1103/PhysRevE.78.031120>

Systematic unsupervised recycled field-programmable gate array detection
Isaka, Yuya; Shintani, Michihiro; **Ahmed, Foisal**; Inoue, Michiko IEEE transactions on device and materials reliability 2022 / 10 p. : ill
<https://doi.org/10.1109/TDMR.2022.3164788> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Testing procedure for gunn oscillator as a load variation detector
Krasavin, Jevgeni XIX Convetion on Radio Science, Otaniemi, Oct. 25-26, 1993 : abstracts of papers. Report 21 1993 / p. 37-38

The frequency shift and higher harmonic amplitudes evaluation for nonlinear oscillators : a frequency domain approach
Neacsu, Cristian M. BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 333-336: ill

THz gyrotron and BWO designed for operation in DNP-NMR spectrometer magnet
Bratman, V. L.; Fedotov, A. E.; Kalynov, Yu K.; Makhlov, Petr B.; **Samoson, Ago** Journal of Infrared, Millimeter, and Terahertz Waves 2013 / p. 837 - 846 <https://doi.org/10.1007/s10762-013-0024-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

X[hii]-diode for chaotic and hyperchaotic oscillators
Tamaševicius, A.; Lindberg, Erik; Mykolaitis, G.; Cenys, A.; Namajunas, A. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 75-78: ill

Моделирование автогенератора серии ИО.60 на ЦБМ
Annus, Arno; Jõgi, K.; Mikomägi, J. Труды по электротехнике и автоматике : сборник статей. 10 1972 / с. 121-130 : илл
https://www.ester.ee/record=b2190520*est <https://digikogu.taltech.ee/et/Item/49449c41-8f8a-4846-93fd-8f149889ec73>

Об изложении проблемы гармонического осциллятора в курсе общей физики
Kukk, Peeter-Enn; **Gavrilov, Aleksei**; **Reiter, Eerik** Вопросы методики преподавания квантовой физики в вузе 1988 / с. 24-27
https://www.ester.ee/record=b1220661*est

Осциллятор с внутренней обратной связью : методическое пособие для лабораторных работ по курсу "Радиотехнические цепи и сигналы"
1988 https://www.ester.ee/record=b1222305*est