

A study on hard cyclic viscoplastic deformation behavior of bulk UFG metals

Kommel, Lembit International Symposium Bulk Nanostructured Materials : from Fundamentals to Innovations : BNM-2007 : Ufa, 14-18 August 2007 2007 / p. 262-263

A class of inverse problems for viscoelastic material with dominating Newtonian viscosity

Janno, Jaan; Wolfersdorf, Lothar von Quarterly of applied mathematics 1999 / 3, p. 465-474

Constrained discrete least squares method for identifying of memory kernels in viscoelasticity

Kiss, Eva Maria; **Janno, Jaan** Advances of Conference, held in Milan, 18.-21.03.1998 1998 / p. 17

Determination of degenerate relaxation functions in three-dimensional viscoelasticity

Janno, Jaan Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2003 / 2, p. 171-185

Effect of fat content and starter composition on casein hydrolysis and viscoelastic parameters during ripening of semi-hard Dutch-type cheeses

Laht, Tiit-Maie; **Kriščiunaite, Tiina**; **Taivosalo, Anastassia** 5th IDF Symposium on Cheese Ripening : 9-13 March 2008, Bern, Switzerland 2008 / p. 136

Effect of hard cyclic viscoplastic deformation on phases chemical composition and micromechanical properties evolution in single crystal Ni-based superalloy

Kommel, Lembit Acta physica polonica A 2015 / p. 681-683 : ill <https://doi.org/10.12693/APhysPolA.128.681> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

A general inverse problem for a memory kernel in one-dimensional viscoelasticity

Janno, Jaan; Wolfersdorf, Lothar von Zeitschrift für Analysis und ihre Anwendungen = Journal for analysis and its applications 2002 / 2, p. 465-483

Identification of exponentially decreasing memory kernels in heat conduction and viscoelasticity by finite-dimensional inverse problems

Janno, Jaan; Wolfersdorf, Lothar von Journal of inverse and ill-posed problems 2005 / 1, p. 65-92
<https://www.degruyter.com/document/doi/10.1515/1569394053583757/html>

Identification of memory kernels in heat conduction and viscoelasticity

Janno, Jaan; Wolfersdorf, Lothar von International series of numerical mathematics 1999 / p. 301-308

Identification of weakly singular memory kernels in viscoelasticity

Janno, Jaan; Wolfersdorf, Lothar von Zeitschrift für angewandte Mathematik und Mechanik 1998 / S. 391-403

Identification of weakly singular relaxation kernels in three-dimensional viscoelasticity

Janno, Jaan Journal of mathematical analysis and applications 2001 / p. 133-159
<https://www.sciencedirect.com/science/article/pii/S0022247X0197547X>

An inverse problem arising in compression of poro-viscoelastic medium

Janno, Jaan Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2000 / 2, p. 75-89

An inverse problem for identification of a time- and space-dependent memory kernel in viscoelasticity

Janno, Jaan; Wolfersdorf, Lothar von Inverse problems 2001 / p. 13-24 <https://iopscience.iop.org/article/10.1088/0266-5611/17/1/302>

Inverse problems for determining monotone weakly singular relaxation kernels in viscoelasticity

Janno, Jaan Nonlinear analysis 2000 / p. 943-962

Modified constitutive equation for quasi-linear theory of viscoelasticity

Ravasio, Arvi Journal of engineering mathematics 2013 / p. 111-118 <https://doi.org/10.1007/s10665-011-9473-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On pulse propagation in porous visco-elastic felt-like material

Kartofelev, Dmitri; **Vuin, Maria Miranda** Symposium on the Acoustics of Poro-Elastic Materials 2023 / 46 p. : ill
https://sapem2023.matelys.com/proceedings/Kartofelev_etal_SAPem2023.pdf

On Tikhonov regularization for identifying memory kernels in heat conduction and viscoelasticity

Janno, Jaan; **Kiss, E.M.**; Wolfersdorf, Lothar von Zeitschrift für angewandte Mathematik und Mechanik 2000 / 4, p. 259-272 : ill
<https://onlinelibrary.wiley.com/doi/abs/10.1002/%28SICI%291521-4001%28200004%2980%3A4%3C259%3A%3AAID-ZAMM259%3E3.0.CO%3B2-5>

Properties development of ultrafine-grained copper under hard cyclic viscoplastic deformation

Kommel, Lembit Materials letters 2010 / p. 1580-1582 : ill <https://www.sciencedirect.com/science/article/pii/S0167577X10003526>

Resonant behavior of a fractional oscillator with fluctuating mass

Sauga, Ako; Mankin, Romi; Ainsaar, Ain Application of Mathematics in Technical and Natural Sciences : 4th International Conference - AMiTaNS'12 : memorial volume devoted to Prof. Christo I. Christov : St. Constantine and Helena, Bulgaria 11–16 June 2012 / p. 224-232 <https://pubs.aip.org/aip/acp/article-abstract/1487/1/224/855288/Resonant-behavior-of-a-fractional-oscillator-with?redirectedFrom=PDF>

Resonant behavior of a fractional oscillator with fluctuating mass

Sauga, Ako; Mankin, Romi; Ainsaar, Ain Fourth International Conference on Application of Mathematics in Technical and Natural Sciences 11–16 June 2012, St. St. Constantine and Helena, Bulgaria : book of abstracts 2012 / p. 42-43 <https://pubs.aip.org/aip/acp/article-abstract/1487/1/224/855288/Resonant-behavior-of-a-fractional-oscillator-with?redirectedFrom=PDF>

Stochastic resonance in the case of a generalized langevin equation with a Mittag-Leffler friction kernel

Laas, Katrin; Mankin, Romi; **Reiter, Eerik** Advances in Mathematical and Computational Methods : proceedings of the 12th WSEAS International Conference on Mathematical and Computational Methods in Science and Engineering (MACMESE'10) 2010 / p. 313-318 https://www.researchgate.net/publication/228633262_Stochastic_resonance_in_the_case_of_a_Generalized_Langevin_equation_with_a_Mittag-Leffler_friction_kernel

Structural behaviour of NC copper at hard cyclic viscoplastic deformation

Kommel, Lembit; Hussainova, Irina; Nisumaa, Reet; Volobujeva, Olga Ultrafine Grained Materials - from Basics to Applications : UFG-2006 : September 25-27, 2006, Kloster Irsee, Germany 2006 / p. 6-16 - 6-17

Technique for experimental studying of elongational behavior of high reactivity viscoelastic liquids : application to alkoxide-based sol-gel precursors

Hussainov, Medhat; Tätté, Tanel; Kelp, Glen; Rand, Rait International Workshop on Dynamics in Viscous Liquids III : Accademia Nazionale dei Lincei, Rome, March 30 - April 2, 2011 : abstracts booklet 2011 / p. 126 : ill

Technique for extensional rheology characterization of highly reactive viscoelastic liquids

Hussainov, Medhat; Tätté, Tanel; **Hussainova, Irina** Rheologica acta 2012 / p. 729-742 : ill <https://www.infona.pl/resource/bwmeta1.element.springer-5e1b1676-4a52-342f-a190-f79755c0ab15>

Wave propagation through nonlinear viscoelastic felt

Vuin, Maria Miranda; Kartofelev, Dmitri; Salupere, Andrus Waves 2024 : book of abstracts 2024 / p. 281-282 <https://doi.org/10.17617/3.MBE4AA>

Viscoelastic behavior of a single-crystal nickel-base superalloy

Kommel, Lembit Materials science 2009 / p. 123-128 : ill

Viscoplastic behavior of SPD copper

Kenk, Kalju; Kommel, Lembit; Veinthal, Renno Engineering Materials & Tribology : BALTMATTRIB - 2003 : 12th International Baltic Conference : October 2-3, 2003, Tallinn, Estonia : abstracts 2003 / p. 47-48

Акустодиагностика свойств неоднородной стандартной вязкоупругой среды

Ravasoo, Arvi Теория и расчет тонкостенных пространственных конструкций 1985 / с. 143-151

Алгоритм численного обращения преобразования Лапласа в задачах нестационарной вязкоупругости

Arjassov, Gennadi; Снитко, А.; Улитин, В. Прочность и оптимизация конструкций = Konstruktsioonide tugevus ja optimeerimine 1989 / с. 157-167 https://www.ester.ee/record=b1230060*est <http://hdl.handle.net/10062/33762>

Динамика слоистых вязкоупругих пластин с сосредоточенными и распределенными массами : диссертация ... кандидата физико-математических наук : 01.02.04 - механика деформируемого твердого тела

Kogut, Vassili 1983 http://www.ester.ee/record=b2421251*est