

General discussion on the subject "Microturbulent diffusion and dispersion"

Aitsam, Ain [XII IAHR congress] : twelfth congress of the International Association for Hydraulic Research, Fort Collins, September 11 - 14, 1967 ; proceedings : 5 : Opening events at the congress, reports by general reporters, special lectures at the congress, and discussions of papers and seminar communications at technical sessions 1967 / p. [537-542]

Discussion on the subject "Microturbulent diffusion and dispersion"

Aitsam, Ain [XII IAHR congress] : twelfth congress of the International Association for Hydraulic Research, Fort Collins, September 11 - 14, 1967 ; proceedings : 5 : Opening events at the congress, reports by general reporters, special lectures at the congress, and discussions of papers and seminar communications at technical sessions 1967 / p. [572-578]

Dispersion analysis of wave motion in microstructured solids = Lainete dispersioon mikrostruktuuriga materjalides Peets, Tanel 2011

Dispersion map optimization for nonlinearity mitigation in two-span phase-sensitive amplifier links [Electronic resource]

Astra, Egon; Olsson, Samuel L. I.; Eliasson, Henrik; Laadung, Taavi; Andrekson, Peter Avo ECOC 2016 : 42th European Conference on Optical Communication : September 18-22, 2016, Congress Center Düsseldorf (CCD), Germany : proceedings 2016 / p. 953-955 : ill. [DVD]

Dispersive waves in microstructured solids

Berezovski, Arkadi; Engelbrecht, Jüri; Salupere, Andrus; Tamm, Kert; Peets, Tanel; Berezovski, Mihhail International journal of solids and structures 2013 / p. 1981-1990 : ill

Effect of strain rate and temperature on mechanical properties and fracture mechanism of the dispersion strengthened Al-12Al4C3 system

Velgosova, Oksana; Besterici, Michal; **Kulu, Priit** High temperature materials and processes 2005 / 3, p. 183-187 : ill

Four-span dispersion map optimization for improved nonlinearity mitigation in phase-sensitive amplifier links

Astra, Egon; Eliasson, Henrik; Andrekson, Peter Avo 2017 European Conference on Optical Communication (ECOC 2017), Gothenburg, Sweden, 17-21 September 2017 / p. 424-426 : ill <https://doi.org/10.1109/ECOC.2017.8345968>

Frequency-dependent attenuation and phase velocity dispersion of an acoustic wave propagating in the media with damages

Stulov, Anatoli; Erofeev, Vladimir Generalized continua as models for classical and advanced materials 2016 / p. 413-423
https://doi.org/10.1007/978-3-319-31721-2_19

Full field computing for elastic pulse dispersion in inhomogeneous bars

Berezovski, Arkadi; Kolman, Radek; Berezovski, Mihhail; Gabriel, Dusan; Adámek, V. Composite structures 2018 / p. 388-394 : ill
<https://doi.org/10.1016/j.compstruct.2018.07.055> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Improved mitigation of self-phase modulation induced impairments in 28 Gbaud phase-sensitive amplified links

Astra, Egon; Eliasson, Henrik; Ruuben, Toomas; Andrekson, Peter Avo Optics express 2019 / p. 4304-4316 : ill
<https://doi.org/10.1364/OE.27.004304> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Internal scales and dispersive properties of microstructured materials

Peets, Tanel Mathematics and computers in simulation 2016 / p. 220-228 : ill <http://dx.doi.org/10.1016/j.matcom.2014.03.006>

Negative group velocity in solids

Tamm, Kert; Peets, Tanel; Engelbrecht, Jüri; Kartofelev, Dmitri Wave motion 2017 / p. 127-138 : ill
<https://doi.org/10.1016/j.wavemoti.2016.04.010>

Nonlinear dispersive wave equations for microstructured solids

Berezovski, Arkadi Proceedings of the Estonian Academy of Sciences 2015 / p. 203-211 https://artiklid.elnet.ee/record=b2740520*est

On dispersion properties of surface motions in the Gulf of Finland

Soomere, Tarmo; Viidebaum, Mikk; Kalda, Jaan Proceedings of the Estonian Academy of Sciences 2011 / 4, lk. 269-279 : ill

On mathematical modelling of solitary pulses in cylindrical biomembranes

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Biomechanics and modeling in mechanobiology 2015 / p. 159-167 : ill
<http://dx.doi.org/10.1007/s10237-014-0596-2>

On solitonic solutions for the hyperelastic rod equation

Salupere, Andrus; Rätsep, Margus Wave motion 2019 / 8 p <https://doi.org/10.1016/j.wavemoti.2019.102404> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

On solutions of a Boussinesq-type equation with displacement-dependent nonlinearities : the case of biomembranes

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Philosophical magazine 2017 / p. 967-987 : ill
<https://doi.org/10.1080/14786435.2017.1283070>

On solutions of a Boussinesq-type equation with displacement-dependent nonlinearity: A soliton doublet to the memory of Alexander Samsonov
Peets, Tanel; Tamm, Kert; Simson, Päivo; Engelbrecht, Jüri Wave motion 2019 / p. 10-17
<https://doi.org/10.1016/j.wavemoti.2018.11.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the formation of solitons in media with higher-order dispersive effects
Ilison, Olari; Salupere, Andrus Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2003 / 1, p. 135-144 : ill
https://artiklid.elnet.ee/record=b1011948*est

On the influence of internal degrees of freedom on dispersion in microstructured solids
Tamm, Kert; Peets, Tanel Mechanics research communications 2013 / p. 106-111 : ill

On the influence of material properties on the wave propagation in Mindlin-type microstructured solids
Salupere, Andrus; Tamm, Kert Wave motion 2013 / p. 1127-1139 : ill

On the propagation of solitary pulses in microstructured media
Ilison, Olari; Salupere, Andrus The Forth International Conference on Nonlinear Evolution Equations and Wave Phenomena : Computation and Theory : Athens, Georgia, April 10-14, 2005 : book of abstracts 2005 / p. 150
<https://www.sciencedirect.com/science/article/abs/pii/S0960077905006491>

On the role of nonlinearities in the Boussinesq-type wave equations
Peets, Tanel; Tamm, Kert; Engelbrecht, Jüri Wave motion 2017 / p. 113-119 : ill <https://doi.org/10.1016/j.wavemoti.2016.04.003>

On the stability of a microstructure model
Berezovski, Mihhail; Berezovski, Arkadi Computational materials science 2012 / p. 193-196 : ill
<https://www.sciencedirect.com/science/article/pii/S0927025611000516>

Periodic waves in microstructured solids and inverse problems
Sertakov, Ivan; Janno, Jaan Mathematical modelling and analysis 2012 / p. 599-617
https://www.researchgate.net/publication/261695332_Periodic_Waves_in_Microstructured_Solids_and_Inverse_Problems

Periodically forced solitonic structures in dispersive media
Salupere, Andrus; Kukk, Martti Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2003 / 1, p. 145-156 : ill
https://artiklid.elnet.ee/record=b1011991*est

Solitary waves governed by complicated nonlinearity and dispersion
Salupere, Andrus; Engelbrecht, Jüri; Ilison, Olari; Ilison, Lauri List of abstracts FPU+50 : Nonlinear Waves 50 Years After Fermi-Pasta-Ulam : Rouen, France, June 21-25, 2005 / p. 16-17

Solitary waves in dispersive solids
Engelbrecht, Jüri; Salupere, Andrus; Peterson, Pearu; Maugin, Gerard 3rd EUROMECH Solid Mechanics Conference : book of abstracts 1997 / p. 336

Solitons and solitary waves in hierarchical Korteweg-de Vries type systems = Solitonid ja üksiklained hierarhilistes Kortewegi-de Vriesi tüüpi süsteemides
Ilison, Lauri 2009 https://www.esther.ee/record=b2499322*est

Solitons and solitary waves in media with higher order dispersive and nonlinear effects
Ilison, Olari 2005 https://www.esther.ee/record=b2073549*est

Нелинейные волновые процессы в среде с дисперсией : автореферат ... кандидата физико-математических наук (01.02.04)
Peipman, Tõnu 1984 http://www.esther.ee/record=b1235307*est

Нелинейные волновые процессы в среде с дисперсией : диссертация ... кандидата физико-математических наук : 01.02.04 - механика твердого деформируемого тела
Peipman, Tõnu 1984 http://www.esther.ee/record=b2425591*est

Сравнение дисперсионной и бездисперсионной моделей наката длинных волн на берег
Abdalazeez, Ahmed; Didenkulova, Irina; Dutykh, Denys; Denissenko, Petr Известия РАН. Физика атмосферы и океана 2020 / c. 567-574 <https://doi.org/10.31857/S0002351520050028>