

Acousto-mechanical instrumentation of multiscale hysteretic memristive properties of the skin with nonlinear time reversal imaging

Dos Santos, Serge; **Lints, Martin; Masood, Ali; Salupere, Andrus** 2017 Cosmetic Measurements and Testing (COSMETIC 2017), Cergy-Pontoise, France, 6 - 7 June 2017 / p. 16-19 : ill <http://dx.doi.org/10.1109/COMET.2017.8521466>

Focusing aspects of delayed time reversal based nonlinear elastic wave spectroscopy methods

Lints, Martin; Dos Santos, Serge; Salupere, Andrus 2016 IEEE International Ultrasonics Symposium, IUS : [September 18-21, Tours, France] 2016 / [4] p. : ill <https://doi.org/10.1109/ULTSYM.2016.7728831>

Fully synchronized acoustomechanical testing of skin : biomechanical measurements of nonclassical nonlinear parameters

Lints, Martin; Dos Santos, Serge; Kozena, Colette; Kus, Vaclav; Salupere, Andrus 24th International Congress on Sound and Vibration 2017 (ICSV 24) : London, United Kingdom, 23-27 July 2017. Vol. 3 2017 / p. 1970-1977 : ill https://www.iav.org/archives_icsv_last/2017_icsv24/content/papers/papers/full_paper_867_20170403135841549.pdf

Multiscale memristive properties of skin induced by memory effects of cyclic stress-relaxation loadings : data fusion from ground truth nonlinear acousto-mechanical testing

Dos Santos, Serge; Masood, Ali; **Lints, Martin; Salupere, Andrus**; Kozena, Colette; Kus, Vaclav ICSV 2018: 25th International Congress on Sound and Vibration (ICSV25), Hiroshima, Japan, 8-12 July, 2018 : proceedings. Vol. 1 2018 / p. 1965-1972 : ill <http://toc.proceedings.com/40638webtoc.pdf>
https://www.researchgate.net/publication/326668548_MULTISCALE_MEMRISTIVE_PROPERTIES_OF_SKIN_INDUCED_BY_MEMORY_EFFECTS_OF_CYCLIC_STRESS-RELAXATION_LOADINGS_DATA_FUSION_FROM_GROUND_TRUTH_NONLINEAR_ACOUSTO-MECHANICAL_TESTING

Numerical simulation of ultrasonic time reversal on defects in carbon fibre reinforced polymer

Lints, Martin; Salupere, Andrus; Dos Santos, Serge Wave motion 2020 / art. 102526, 10 p. : ill <https://doi.org/10.1016/j.wavemoti.2020.102526> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Optimised signal processing for nonlinear ultrasonic nondestructive testing of complex materials and biological tissues = Optimeeritud signaalitöötlus mittelineaarsete komplekssete materjalide ja bioloogiliste kudede mittepurustavaks testimiseks ultraheliga = Traitement du signal optimisé pour l'évaluation non linéaire non destructive des matériaux complexes et des tissus biologiques

Lints, Martin 2017 <https://digi.lib.ttu.ee/i/?8437> https://www.ester.ee/record=b4689325*est

Self-calibration of multiscale hysteresis with memristors in nonlinear time reversal based processes

Dos Santos, Serge; **Masood, Ali**; Furui, Sadataka; Nardoni, Giuseppe BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / p. 9-12 : ill <https://doi.org/10.1109/BEC.2018.8600977>

Simulation of detecting contact nonlinearity in carbon fibre polymer using ultrasonic nonlinear delayed time reversal

Lints, Martin; Salupere, Andrus; Dos Santos, Serge ACTA acustica united with acustica 2017 / p. 978-986 : ill <https://doi.org/10.3813/AAA.919127>

Simulation of solitary wave propagation in carbon fibre reinforced polymer

Lints, Martin; Salupere, Andrus; Dos Santos, Serge Proceedings of the Estonian Academy of Sciences 2015 / p. 297-303 : ill <https://doi.org/10.3176/proc.2015.3.14> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Solitary waves for Non-Destructive Testing applications : delayed nonlinear time reversal signal processing optimization

Lints, Martin; Dos Santos, Serge; Salupere, Andrus Wave motion 2017 / p. 101-112 : ill <https://doi.org/10.1016/j.wavemoti.2016.07.001> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Standards for acousto-mechanical evaluation of multiscale hysteretic properties of complex material with nonlinear time reversal imaging

Dos Santos, Serge; **Lints, Martin**; Arruga, Denis; **Masood, Ali; Salupere, Andrus** Application of Contemporary Non-Destructive Testing in Engineering : conference proceedings 2017 / p. 49-57 : ill <https://www.ndt.net/search/docs.php3?showForm=off&id=22548>
<http://lab.fs.uni-lj.si/latem/ndt/userfiles/file/Conference%20proceedings,%20ICNDT%202017.pdf>

Ultrasonic transducers self-calibration of nonlinear time reversal based experiments using memristor [Online resource]

Dos Santos, Serge; **Masood, Ali** 12th European Conference on Non-destructive Testing : proceedings 2018 / 8 p. : ill <http://www.ecndt2018.com/abstract/ultrasonic-transducers-self-calibration-of-nonlinear-time-reversal-based-experiments-using-memristor/>
<http://www.ecndt2018.com/programme/list-of-authors/>