

Acoustic forward model for guided wave propagation and scattering in a pipe bend

Rasgado Moreno, Carlos Omar; Rist, Marek; Land, Raul; Ratassepp, Madis Sensors 2022 / art. 486

<https://doi.org/10.3390/s22020486> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Damage detection in quasi-isotropic composite bends using ultrasonic feature guided waves

Yu, Xudong; Ratassepp, Madis; Fan, Zheng Composites Science and Technology 2017 / p. 120-129 : ill

<https://doi.org/10.1016/j.compscitech.2017.01.011>

Modeling the effect of anisotropy in ultrasonic-guided wave tomography

Ratassepp, Madis; Rao, Jing; Yu, Xudong; Fan, Zheng IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control 2022 / p. 330-339 : ill

<https://doi.org/10.1109/TUFFC.2021.3114432> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

[Article at WOS](#)

Multi-parameter reconstruction of velocity and density using ultrasonic tomography based on full waveform inversion

Rao, Jing; Yang, Jizhong; Ratassepp, Madis; Fan, Zheng Ultrasonics 2020 / art. 106004, 10 p. : ill

<https://doi.org/10.1016/j.ultras.2019.106004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quantitative imaging of Young's modulus in plates using guided wave tomography

Ratassepp, Madis; Rao, Jing; Fan, Zheng NDT&E international 2018 / p. 22-30 : ill <https://doi.org/10.1016/j.ndteint.2017.09.016>

Statistical methods for ultrasound image segmentation = Ultrahelipiltide segmenteerimine statistiliste meetoditega

Li, Lin 2015

Ultraheli reedab materjalide nähtamatud vigastused

Ratassepp, Madis; Lints, Martin Horisont 2022 / lk. 48-52 : fot https://www.ester.ee/record=b1072243*est

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/>