

A mathematical model for the determination of leakage in mains and water distribution networks

Koppel, Tiit; Ainola, Leo; Puust, Raido Proceedings of the Estonian Academy of Sciences. Engineering 2007 / 1, p. 3-16 : ill

Aasta e-kursuse tiitli pävis TalTechi veetorustike modelleerimise kursus

Mente et Manu 2021 / lk. 10 : fot https://www.ester.ee/record=b1242496*est

Air pocket dynamics under bridging of stratified flow during rapid filling of a horizontal pipe

Kaur, Katrin; Laanearu, Janek; Annus, Ivar Journal of hydraulic engineering 2023 / art. 04022030, 11 p. : ill
[https://doi.org/10.1061/\(ASCE\)HY.1943-7900.0002021](https://doi.org/10.1061/(ASCE)HY.1943-7900.0002021)

Application of Mindlin Theory to Describe the Scattering of Guided Waves From Notches in a Plate

Rasheed, Usman; Lints, Martin; Ratassepp, Madis ASME 2022 49th Annual Review of Progress in Quantitative Nondestructive Evaluation (QNDE2022) 2022 <https://event.asme.org/Events/media/library/resources/qnde/QNDE-2022-Final-Program.pdf> <https://qnde.secure-platform.com/a/solicitations/178/sessiongallery/11537/application/98050>

Basics of optimal design of district heating pipelines diameters and design examples of Estonian old non-optimised district heating networks

Hlebnikov, Aleksandr; Siirde, Andres; Paist, Aadu 4th International Symposium Topical Problems of Education in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology : Kuressaare, Estonia, January 15-20, 2007 2007 / p. 149-153 : ill

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Converting Tallinn's historic centre's (Old Town) heating system to a district heating system

Volkova, Anna; Krupenski, Igor; Kovtunova, Natalja; Hlebnikov, Aleksandr; Mašatin, Vladislav; Ledvanov, Aleksandr Energy 2023 / art. 127429 <https://doi.org/10.1016/j.energy.2023.127429>

Curvature effects on wave propagation in an infinite pipe

Ratassepp, Madis; Klauson, Aleksander Ultragarsas = Ultrasound 2006 / 2(59), Proceedings of the International Conference "Non-Destructive Testing and Diagnostics - 2006" : 26-27 May 2006, Vilnius, p. 19-25 : ill https://www.ndt.net/article/ultragarsas/59-2006-vol.2_04-m.ratassepp.pdf

Determination of the corresponding roughness height in a WDS model containing old rough pipes

Annus, Ivar; Vassiljev, Anatoli; Kändler, Nils; Kaur, Katrin Journal of water supply : research and technology - AQUA 2020 / p. 201-209 <https://doi.org/10.2166/aqua.2019.080>

Dynamic processes of air-water flows in urban water systems = Õhu ja vee koosvoolamise dünaamilised protsessid linna veesüsteemides

Kaur, Katrin 2022 <https://doi.org/10.23658/taltech.68/2022> <https://digikogu.taltech.ee/et/Item/0a655a67-74aa-457e-8640-e7b3ab212695>
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Eesti teadlased muudavad veetorude rekonstrueerimine efektiivsemaks

ehitusuudised.ee 2023 [Eesti teadlased muudavad veetorude rekonstrueerimine efektiivsemaks](https://www.ester.ee/record=b5373751*est)

Erinevate koormustingimustega maa-aluste torustike ehituslik projekteerimine. Osa 1, Üldnõuded [Võrguteavik] = Structural design of buried pipelines under various condition of loading. Part 1, General requirements

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Experimental study of filling and emptying of a large-scale pipeline

Hou, Qingzhi; Tijsseling, Arris S.; Laanearu, Janek; Annus, Ivar; Koppel, Tiit; Bergant, Anton; Vučkovič, S.; Gale, Janez; Anderson, A.; Westende, Jos M.C.van't; Pandula, Zoltan; Ruprecht, A. 2012
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Rušeljuk, Pavel; Volkova, Anna; Lukic, Nebojša; Lepiksaar, Kertu; Nikolic, Novak; Nešovic, Aleksandar; Siirde, Andres Environmental and Climate Technologies 2021 / p. 521-533 <https://doi.org/10.2478/rtuct-2020-0121> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Flow dynamics in a pipe containing uneven roughness elements

Kaur, Katrin; Vassiljev, Anatoli; Annus, Ivar; Truu, Murel; Kändler, Nils WDSA CCWI : proceedings book 2022 / 11 p. : ill
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Lahesalu, Simo Keskkonnatehnika 1999 / 5, lk. 26

Geodesic equations for guided wave helical path separation for a pipe bend

Rasgado Moreno, Carlos Omar; Ratassepp, Madis Mechanical systems and signal processing 2023 / art. 110820
<https://doi.org/10.1016/j.ymssp.2023.110820>

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Suits, Kristjan; Vassiljev, Anatoli; Annus, Ivar; Kändler, Nils WDSA CCWI : proceedings book 2022 / 11 p. : ill
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Lugeja küsib: miks kipuvad veetorud ära külmuma just ilma soojemaks minnes? [Võrguväljaanne]

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Trell, Kristel Elamu 2021 / lk. 7-9 : fot; c. 29-31 : фот https://www.ester.ee/record=b1072137*est

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Kaur, Katrin; Vassiljev, Anatoli; Annus, Ivar; Kändler, Nils; Roosimägi, Janet Journal of Water Supply: Research and Technology - AQUA 2020 / p. 647-655 <https://doi.org/10.2166/aqua.2020.035>

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Thermal shocks and fatigue life of helically coiled once-through steam generator tubes in transition boiling zone

Klevtsov, Ivan Proceedings of the Estonian Academy of Sciences. Engineering 1997 / 2, p. 85-97: ill

Three-dimensional CFD analysis of liquid slug acceleration and impact in a voided pipeline with end orifice

He, Junling; Hou, Qingzhi; Lian, Jijian; Tijsseling, Arris S.; Bozkus, Zafer; Laanearu, Janek; Lin, Lei Engineering Applications of Computational Fluid Mechanics 2022 / p. 1444-1463 <https://doi.org/10.1080/19942060.2022.2095440> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Torustiku ja tee-ehituse projektid kasvatasid Tallinna Vee 2021. a müügitulu [Võrguväljaanne]

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