

Characterisation of exponentially graded materials by ultrasound

Braunbrück, Andres; Majak, Jüri ICCS17 : 17th International Conference on Composite Structures : Portugal 17-21 June 2013 : book of abstracts 2013 / p. 55

Comparison of measured fiber orientation in fiber concrete with predictions by CFD simulations

Herrmann, Heiko; Goidyk, Oksana; Braunbrück, Andres; Marjapuu, Rasmus-Richard; Tuisk, Tanel M2D2017 : proceedings of the 7th International Conference on Mechanics and Materials in Design : (Albufeira/Portugal, 11-15 June 2017) 2017 / p. 1245-1246 : ill https://paginas.fe.up.pt/~m2d/Proceedings_M2D2017/data/papers/Book.pdf

Determination of inhomogeneous properties of materials by analysis of ultrasonic wave motion

Braunbrück, Andres ACTA acustica united with acustica 2014 / p. 259-265 : ill

An exact solution of truss vibration problems

Lahe, Andres; Braunbrück, Andres; Klauson, Aleksander Proceedings of the Estonian Academy of Sciences 2019 / p. 244–263 : ill <https://doi.org/10.3176/proc.2019.3.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fiber orientation in the bottom layer of a small fiber concrete plate

Herrmann, Heiko; Tuisk, Tanel; Braunbrück, Andres Colloquium 582 : Short Fibre Reinforced Cementitious Composites and Ceramics : book of abstracts, March 20-22, 2017 2017 / p. [14-15] : ill http://www.ester.ee/record=b4658990*est

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Braunbrück, Andres Keeruka maailma võlu 2015 / lk. 46-48 : ill https://www.ester.ee/record=b4488344*est

The influence of fibre orientation in self-compacting concrete on 4-point bending strength

Herrmann, Heiko; Goidyk, Oksana; Naar, Hendrik; Tuisk, Tanel; Braunbrück, Andres Proceedings of the Estonian Academy of Sciences 2019 / p. 337-346 : ill http://www.kirj.ee/32397/?tpl=1061&c_tpl=1064 <https://doi.org/10.3176/proc.2019.3.12> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of the fiber orientations on the fracture of fiber concrete

Herrmann, Heiko; Braunbrück, Andres; Marjapuu, Rasmus-Richard; Tuisk, Tanel M2D2017 : proceedings of the 7th International Conference on Mechanics and Materials in Design : (Albufeira/Portugal, 11-15 June 2017) 2017 / p. 631-632 : ill https://paginas.fe.up.pt/~m2d/Proceedings_M2D2017/data/papers/Book.pdf

Influence of the flow of self-compacting steel fiber reinforced concrete on the fiber orientations, a report on work in progress

Herrmann, Heiko; Goidyk, Oksana; Braunbrück, Andres Short fibre reinforced cementitious composites and ceramics 2019 / p. 97-110 https://doi.org/10.1007/978-3-030-00868-0_7 [Article collection metrics at Scopus](#) [Article at Scopus](#)

An Initial report on the effect of the fiber orientation on the fracture behavior of steel fiber reinforced self-compacting concrete

Herrmann, Heiko; Braunbrück, Andres; Tuisk, Tanel; Goidyk, Oksana; Naar, Hendrik Short fibre reinforced cementitious composites and ceramics 2019 / p. 33-50 https://doi.org/10.1007/978-3-030-00868-0_3 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Modified transfer matrix method for steady-state forced vibration : a system of bar elements

Lahe, Andres; Braunbrück, Andres; Klauson, Aleksander Proceedings of the Estonian Academy of Sciences 2020 / p. 143–161 : ill <https://doi.org/10.3176/proc.2020.2.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nonlinear propagation and reflection of ultrasound - combining the numerical and analytical approach

Braunbrück, Andres; Ravasoo, Arvi 28th Nordic Seminar on Computational Mechanics, 22-23 October, Tallinn, 2015 : proceedings of the NSCM28 2015 / p. 39-42 : ill

Nonlinear wave propagation and reflection - comparing the numerics with the analytics

Braunbrück, Andres; Ravasoo, Arvi Wave motion 2016 / p. 108-120 : ill <https://doi.org/10.1016/j.wavemoti.2015.08.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Resonance phenomenon of wave interaction in inhomogeneous solids

Braunbrück, Andres; Ravasoo, Arvi Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2007 / 2, p. 108-115 : ill

Towards benchmark cases for computational fluid dynamics for casting of fiber concrete

Goidyk, Oksana; Braunbrück, Andres; Marjapuu, Rasmus-Richard; Tuisk, Tanel; Herrmann, Heiko M2D2017 : proceedings of the 7th International Conference on Mechanics and Materials in Design : (Albufeira/Portugal, 11-15 June 2017) 2017 / p. 229-230 : ill https://paginas.fe.up.pt/~m2d/Proceedings_M2D2017/data/papers/Book.pdf

Variation of bending strength of fiber reinforced concrete beams due to fiber distribution and orientation and analysis of microstructure

Herrmann, Heiko; Boris, Renata; **Goidyk, Oksana**; **Braunbrück, Andres** 4th International Conference Innovative Materials, Structures and Technologies : IMST2019 : Organised by the Faculty of Civil Engineering, Riga, Latvia, 25–27 September 2019 : book of abstracts 2019 / p. 26 <https://dom.lndb.lv/data/obj/770639.html> <https://dom.lndb.lv/data/obj/file/27451559.pdf?attach=true>

Variation of bending strength of fiber reinforced concrete beams due to fiber distribution and orientation and analysis of microstructure

Herrmann, Heiko; Boris, R.; **Goidyk, Oksana**; **Braunbrück, Andres** IOP conference series : materials science and engineering 2019 / art. 012059, 11 p. : ill <https://doi.org/10.1088/1757-899X/660/1/012059> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Wave interaction in weakly inhomogeneous materials

Braunbrück, Andres 2005 http://www.ester.ee/record=b2045300*est