

**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](https://doi.org/10.1007/978-3-030-00868-0_3) [Article collection metrics at Scopus](#) [Article at Scopus](#)

**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](https://paginas.fe.up.pt/~m2d/Proceedings_M2D2017/data/papers/Book.pdf)

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

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**An exact solution of truss vibration problems**

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

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**Influence of the fiber orientations on the fracture of fiber concrete**

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**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](https://doi.org/10.1007/978-3-030-00868-0_7) [Article collection metrics at Scopus](#) [Article at Scopus](#)

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

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

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**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](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](#)

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**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](#)

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