Marcus Aßmus List of Publications

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- [10] M. Aßmus, K. Naumenko, A. Öchsner, V. A. Eremeyev, and H. Altenbach. "A generalized framework towards structural mechanics of three-layered composite structures". In: *Technische Mechanik* 39.2 (2019), pp. 202–219. DOI: 10.24352/UB.0VGU-2019-019.
 - [9] M. Haghi, M. Aßmus, K. Naumenko, and H. Altenbach. "Mechanical Models and Finite-Element Approaches for the Structural Analysis of Photovoltaic Composite Structures: A Comparative Study". In: Mechanics of Composite Materials 54.4 (2018), pp. 415–430. DOI: 10.1007/s11029-018-9752-6.
 - [8] J. Nordmann, M. Aßmus, and H. Altenbach. "Visualising Elastic Anisotropy: Theoretical Background and Computational Implementation". In: *Continuum Mechanics and Thermodynamics* 30.4 (2018), pp. 689–708. DOI: 10.1007/s00161-018-0635-9.
 - [7] M. Aßmus, K. Naumenko, and H. Altenbach. "Mechanical Behaviour of Photovoltaic Composite Structures: Influence of Geometric Dimensions and Material Properties on the Eigenfrequencies of Mechanical Vibrations". In: *Composites Communications* 6.- (2017), pp. 59–62. DOI: 10.1016/j.coco. 2017.10.003.
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 - [1] M. Aßmus, S. Jack, K.-A. Weiß, and M. Köhl. "Measurement and simulation of vibrations of PV-modules induced by dynamic mechanical loads". In: *Progress in Photovoltaics: Research and Applications* 19.6 (2011), pp. 688–694. DOI: 10.1002/pip.1087.

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- [4] M. Aßmus and H. Altenbach. "A mathematically consistent vector-matrix representation of generalized Hooke's law for shear-rigid plates". In: *Nonlinear Wave Dynamics of Materials and Structures*. Ed. by H. Altenbach, V. A. Eremeyev, I. Pavlov, and A. Porubov. Vol. xxx. Advanced Structured Materials. Singapore: Springer, 2019, pp. xx–xx. DOI: 10.1007/xxx.
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