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.x (2019), pp. x–xx. DOI: 10.24352/UB.0VGU-2019-xxx.

- [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.
- [6] M. Aßmus, J. Eisenträger, and H. Altenbach. "Projector Representation of Isotropic Linear Elastic Material Laws for Directed Surfaces". In: *Zeitschrift für Angewandte Mathematik und Mechanik* 97.12 (2017), pp. 1625–1634. DOI: 10.1002/zamm.201700122.
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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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