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[15] R. Glüge and M. Aßmus. "A systematic approach to reduce the independent tensor components by symmetry transformations - A commented translation of "Tensors and Crystal Symmetry" by Carl Hermann". In: *Continuum Mechanics and Thermodynamics* 33.x (2021), pp. xxx–xxx. DOI: 10.1007/s00161-021-00978-5.

- [14] S. Bergmann, F. Hassani, Z. Javanbakht, and M. Aßmus. "On a Fast Analytical Approximation of Natural Frequencies for Photovoltaic Modules". In: *Technische Mechanik* 40.2 (2020), pp. 191–203. DOI: 10.24352/ub.ovgu-2020-025.
- [13] J. Nordmann, M. Aßmus, R. Glüge, and H. Altenbach. "On the Derivation of Hooke's Law for Plane State Conditions". In: *Technische Mechanik* 40.2 (2020), pp. 160–174. DOI: 10.24352/ub.ovgu-2020-023.
- [12] M. Aßmus, R. Glüge, and H. Altenbach. "On the Analytical Estimation for Isotropic Approximation of Elastic Properties applied to Polycrystalline Cubic Silicon used at Solar Cells". In: *Technische Mechanik* 40.2 (2020), pp. 120–133. DOI: 10.24352/ub.ovgu-2020-020.
- [11] Z. Javanbakht, M. Aßmus, K. Naumenko, A. Öchsner, and H. Altenbach. "On Thermal Strains and Residual Stresses in the Linear Theory of Anti-Sandwiches". In: *Zeitschrift für Angewandte Mathematik und Mechanik* 99.8 (2019), e201900062. DOI: 10.1002/zamm.201900062.
- [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.ovgu-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.
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 - [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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 - [4] M. Aßmus, J. Nordmann, K. Naumenko, and H. Altenbach. "A homogeneous substitute material for the core layer of photovoltaic composite structures". In: *Composites Part B: Engineering* 112.-(2017), pp. 353–372. DOI: 10.1016/j.compositesb.2016.12.042.
 - [3] M. Aßmus, K. Naumenko, and H. Altenbach. "A multiscale projection approach for the coupled global-local structural analysis of photovoltaic modules". In: *Composite Structures* 158.- (2016), pp. 340–358. DOI: 10.1016/j.compstruct.2016.09.036.
 - [2] M. Aßmus and M. Köhl. "Experimental investigation of the mechanical behavior of photovoltaic modules at defined inflow conditions". In: *Journal of Photonics for Energy* 2.1 (2012), pp. 1–11. DOI: 10.1117/1.JPE.2.022002.

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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. 122. Advanced Structured Materials. Singapore: Springer, 2020, pp. 57–67. DOI: 10.1007/978-3-030-38708-2_3.
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- [1] M. Aßmus, S. Bergmann, J. Eisenträger, K. Naumenko, and H. Altenbach. "Consideration of Non-Uniform and Non-Orthogonal Mechanical Loads for Structural Analysis of Photovoltaic Composite Structures". In: *Mechanics for Materials and Technologies*. Ed. by H. Altenbach, R. V. Goldstein, and E. Murashkin. Vol. 46. Advanced Structured Materials. Singapore: Springer, 2017, pp. 73–122. DOI: 10.1007/978-3-319-56050-2_4.

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