

Développement d'un outil de calcul non linéaire de dimensionnement d'assemblages bois tridimensionnels soumis à des torseurs plans

Liste des publications :

- [1] R. Lemaître, J.-F. Bocquet, M. Schweigler, et T. K. Bader, « Beam-on-foundation modelling as an alternative design method for timber joints with dowel-type fasteners – Part 1: Strength and stiffness per shear plane of single-fastener joints », in Proceedings of International Network on Timber Engineering (INTER), Tallinn, Estonia, 2018.
- [2] R. Lemaître, J.-F. Bocquet, M. Schweigler, et T. K. Bader, « Beam-on-foundation modelling as an alternative design method for timber joints with dowel-type fasteners – Part 2: modelling techniques for multiple fastener connections », in Proceedings of International Network on Timber Engineering (INTER), Tacoma, United States, 2019.
- [3] J.-F. Bocquet, R. Lemaître, et T. K. Bader, « Design recommendations and example calculations for dowel-type connections with multiple shear planes », in Design of Connections in Timber Structures A state-of-the-art report by COST Action FP1402 / WG 3, Shaker Verlag GmbH, 2018, p. 241-295.
- [4] M. Schweigler, T. K. Bader, G. Hochreiner, et R. Lemaître, « Parameterization equations for the nonlinear connection slip applied to the anisotropic embedment behavior of wood », Composites Part B: Engineering, vol. 142, p. 142-158, juin 2018, doi: 10.1016/j.compositesb.2018.01.003.
- [5] T. K. Bader, J.-F. Bocquet, M. Schweigler, et R. Lemaître, « Numerical modeling of the load distribution in multiple fastener connections », in Design of Connections in Timber Structures A state-of-the-art report by COST Action FP1402 / WG 3, Shaker Verlag GmbH, 2018, p. 221-239.
- [6] M. Schweigler, T. K. Bader, J.-F. Bocquet, R. Lemaître, et C. Sandhaas, « Embedment test analysis and data in the context of phenomenological modeling for dowelled timber joint design », in Proceedings of International Network on Timber Engineering (INTER), Tacoma, United States, 2019.
- [7] R. Lemaître, J.-F. Bocquet, M. Schweigler, et T. K. Bader, « Beam-on-foundation as an alternative design method for single fastener connections », in Design of Connections in Timber Structures A state-of-the-art report by COST Action FP1402 / WG 3, Shaker Verlag GmbH, 2018, p. 207-220.