

Jméno, příjmení, titul žadatele:

Given name, surname, academic degree of student:

Ing. Martin Plajner

Seznam publikovaných prací:

List of publications:

Plajner, M. and Vomlel, J. (2015). Bayesian Network Models for Adaptive Testing. In *Proceedings of the Twelfth UAI Bayesian Modeling Applications Workshop*, pages 24–33, Amsterdam, The Netherlands. CEUR-WS.org

Plajner, M. (2016). Probabilistic Models for Computerized Adaptive Testing, arXiv: 1703.09794

Plajner, M. and Vomlel, J. (2016a). Probabilistic Models for Computerized Adaptive Testing: Experiments. Technical report, arXiv: 1601.07929

Plajner, M. and Vomlel, J. (2016b). Student Skill Models in Adaptive Testing. In *Proceedings of the Eighth International Conference on Probabilistic Graphical Models*, pages 403–414. JMLR.org

Plajner, M. and Vomlel, J. (2017). Monotonicity in Bayesian Networks for Computerized Adaptive Testing. In Antonucci, A., Cholvy, L., and Papini, O., editors, *ECSQARU 2017*, pages 125–134, Cham. Springer International Publishing

Plajner, M., Magauina, A., and Vomlel, J. (2017). Question Selection Methods for Adaptive Testing with Bayesian Networks. In *Proceedings of the 20th Czech-Japan Seminar on Data Analysis and Decision Making under Uncertainty CZECH-JAPAN SEMINAR 2017*, Pardubice, Czech Republic, pages 164–175

Plajner, M. and Vomlel, J. (2018). Gradient Descent Parameter Learning of Bayesian Networks under Monotonicity Restrictions. *Workshop on Uncertainty Processing (WUPES'18)*. Publishing House of the Faculty of Mathematics and Physics Charles University

Plajner, M. and Vomlel, J. (2019). Learning bipartite Bayesian networks under monotonicity restrictions. *International Journal of General Systems*, 49(1):88–111

Němec K, Plajner M, Krásenský J, Landor I, Lesenský J, Pinskerová V. Rotační laxita kolenního kloubu – in vivo NMR studie [Rotational Laxity of the Knee Joint - In Vivo MRI Study]. *Acta Chir Orthop Traumatol Cech.* 2019;86(4):249-255. Czech.

Plajner, M. and Vomlel, J. (2020). Monotonicity in practice of adaptive testing, arXiv: 2009.06981