



List of Publications

Author: Ing. Václav Mácha
Supervisor: doc. Ing Václav Šmídl, Ph.D.
Supervisor Specialist: Mgr. Lukáš Adam, Ph.D.
Academic Year: 2022/2023

Publication related to the doctoral thesis:

1. L. Adam and V. Mácha. Projections onto the canonical simplex with additional linear inequalities. *Optimization Methods and Software*, pages 1–29, 2020
(??? citations)
2. L. Adam, V. Mácha, V. Šmídl, and T. Pevný. General framework for binary classification on top samples. *Optimization Methods and Software*, pages 1–32, 2021
(??? citations)

Other publications:

3. V. Šmídl, V. Mácha, Š. Janouš, and Z. Peroutka. Predictive current limiter for I_q based control of ac drives. In *2015 IEEE International Symposium on Predictive Control of Electrical Drives and Power Electronics (PRECEDE)*, pages 55–60. IEEE, 2015
(??? citations)
4. V. Šmídl, V. Macha, Š. Janouš, and Z. Peroutka. Analysis of cost functions and setpoints for predictive speed control of pmsm drives. In *2016 18th European Conference on Power Electronics and Applications (EPE'16 ECCE Europe)*, pages 1–8. IEEE, 2016
(??? citations)
5. V. Mácha, V. Šmídl, and Z. Peroutka. Implementation of predictive spectrum control of a LC filter using admm. In *2017 IEEE International Symposium on Predictive Control of Electrical Drives and Power Electronics (PRECEDE)*, pages 78–82. IEEE, 2017
(??? citations)