***Selected Journal Papers and Conferences***

1. **Weinberg, A. I.**, & Last, M. (2017). Interpretable decision-tree induction in a big data parallel framework. *International Journal of Applied Mathematics and Computer Science*, *27*(4), 737-748
2. **Weinberg, A. I**., & Last, M. (2019). Selecting a representative decision tree from an ensemble of decision-tree models for fast big data classification. *Journal of Big Data*, *6*(1), 23.
3. **A.I. Weinberg** and M. Last, Combining Multiple Decision Trees using a Similarity Approach, *6th International Workshop on Big Data, Streams and Heterogeneous Source Mining: Algorithms, Systems, Programming Models and Applications (BigMine17), KDD 2017*, August 14, Halifax, Nova Scotia, Canada
4. Michael Pritchard, **A. I. Weinberg**, John A R Williams, Felipe Campelo, Harry Goldingay and Diego R. Faria*, Dynamic Fusion of Electromyographic and Electroencephalographic Data towards use in Robotic Prosthesis Control*, *Journal of physics conference series*
5. Yingyi Kuang, **A. I. Weinberg,** George Vogiatzis and Diego R. Faria, *Goal Density-based Hindsight Experience Prioritization for Multi-Goal Robot Manipulation Reinforcement Learning*, RoMan 2020 Conference
6. Carfì, A., Patten, T., Kuang, Y., Hammoud, A., Alameh, M., Maiettini, E., **Weinberg, A.I.**, Faria, D., Mastrogiovanni, F., Alenyà, G. and Natale, L., *2021. Hand-Object Interaction: From Human Demonstrations to Robot Manipulation. Frontiers in Robotics and AI, p.316.*