



3^d Laboratory work

Parallel Clustering Methods

The Task for Lab

1. Describe parallel implementations of 2 algorithms: DBSCAN and K-means in terms of parallel designing (PCAM Methodology).
2. Select some dataset (among proposed (the next slide) or any other) and implement sequential and parallel k-Means algorithm. Compare performance of implemented algorithms.



Clustering datasets

- <http://cs.joensuu.fi/sipu/datasets/>
- <https://archive.ics.uci.edu/ml/datasets.html?format=&task=clu&att=&area=&numAtt=&numIns=&type=&sort=nameUp&view=table>
- <https://sites.google.com/site/fawadsyed/datasets>

