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| Experiment number 3  *Give a number to my experiments, for my administration, samity and future reference - and stick to my numbering method.* |
| Date and time: 2023.03.07  Place: Gyor  *Just some administration for my future reference* |
| Main parameters  *How is this experiment different from the previous one? Is it a repeat or benchmark experiment? What is the input of the experiment?*  *OPTICS: min\_samples=50 max\_eps=0.1 xi=0.15* |
| Changes  *Note down any changes I made in the lab with respect to drawings my made when preparing for my experiment, so that I have a record of these changes for my future reference. Note down here if a sensor is malfunctioning and cannot be trusted for the data analysis of this experiment.*  *With the change of min\_samples, from around 20-10 set to 50, and max\_eps, from 0.2 set to 0.1 great improvement can be observed. There are more compact clusters formed with less chaotic trajectories.* |
| Main observations  *What did I observe in my experiments? At what time during the experiment, or for which variable input value? During my experiments, my main observations are related to a discussion of the cracks that develop in concrete for a given load level.* |
| Reflections *Leave som open space to write out my reflections about the experiment. Here is my space for reflectation at the end of my experiment, where I can place my current work in perspective, discuss tiny details or the bigger picture, or write down loose strands of ideas that are forming in my head.*  *What did I observe that is odd and that needs further study?*  *There are still some trajectories that stuck to another. But less than before.* |
| To Do list 1. Try new p param to change distance metrics. 2. 3. 4. 5. *List things that popped into my head that I need to do prior to my next experiment, or to keep my series of experiments movig forward.* |