



**2022-2023 SPRING**

| **MACHINE LEARNING APPLICATIONS IN ARCHITECTURE** |
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**FINAL REPORT**

| **CONTINUOUS MERGING OF**  **STRANGE ATTRACTORS** |
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**OZGUR GULSUNA**

**Problem Definition**

There exist dynamical systems in which some converge to a single solution, some diverge to infinity. Between the behaviors of dynamical systems, the most interesting one is chaotic

* *Clear definition of the problem*
* *The relation of the problem with data file & Interpretation of data file*
* *Expected outcome based on data file and problem*
* *Clear definition of the model*
* *What is the relation of your model with the problem and your expectancy?*
* *In depth explanation of model qualities (model performance criteria)*
* *Explanation of training data & test data*
* *Clear definition of scores & results*
* *The method of representation of the results (which graphic type is suitable?)*
* *Assessment of the graphics and scores*
* *Projections of the results*
* *Comments (Optional)*