

Laboratory 8 — Pattern Recognition (EC-416)

Dr. Rajiv Kapoor

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Overview

Use MoG (Mixture of Gaussian) Method to represent a Non-Linear Curve.

Refer Section (2.3.9) of the book Pattern Recognition and Machine Learning by Bishop.

Data

Create your own random X and Y points that represent a non-linear curve.

Submission Format

1. You can use either Python 3 or MATLAB/Octave to solve this assignment.
2. This is a programming assignment and nothing needs to be hand written.
3. The code of this assignment must be submitted as a project in a zip file with clear instructions on how to run the main file or it can even be a Jupyter Notebook with clear code + output.