

Task 1

- a) What are $(1 + 1)$, $(1 + \lambda)$, $(1, \lambda)$ and (μ, λ)
- b) Explain differences between them.

Task 2

- a) How does Line Recombination work? Explain in detail.
- b) How can Line Recombination be extended to get Intermediate Line Recombination?
- c) Implement Intermediate Line Recombination as a python function.

Task 3

- a) What is Fitness-Proportionate Selection (FPS) and how does it work?
- b) What is Stochastic Universal Sampling (SUS) and how does it work?
- c) Implement SUS as a python function.