

Visual Passwords

using Genetic Algorithms



Problem statement

Generation of visual passwords using genetic algorithms.

- We are trying to use a genetic algorithm to generate and evolve images and later use them as visual passwords.
- The algorithm takes as input a target image and slowly tries to generate images similar to it.

Genetic Algorithms

- Search algorithms.
- Mimic the nature of biological evolution.
- Used for optimization and search tasks.
- Involve techniques like selection,mutation,inheritance and crossover.

