Abstract

Over the last Twenty years, several different techniques have been proposed for computer recognition of human faces. The localization of human faces in digital images is a fundamental step in the process of face recognition. In this paper, a Hybrid algorithm is proposed to detect faces using Ant Colony Optimization and Genetic programming algorithms. Evolutionary process of Ant Colony Optimization algorithm adapts genetic operations to enhance ant movement towards solution state. The algorithm converges to the optimal final solution, by accumulating the most effective sub-solutions.

Reference
Face Detection by Hybrid Genetic and Ant Colony Optimization Algorithm

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