A Pattern Recognition Algorithm for Continuous Tone Images

Abstract

This paper describes a unique method of recognizing common patterns among various images. It makes use of signatures of images which enables it to overcome the problem of different features ordering and appearance of noisy and less expressive features. It discusses two different methods of finding common set of data among various signatures. It has been then concluded that the proposed algorithm would be very suitable for continuous tone images with high contrast patterns.

Reference

[1] Pattern recognition, Guest Editor's introduction, K.S. Fu, Purdue University, May 1976


Index Terms

Computer Science  Pattern Recognition

Key words

Recognition Algorithm  (DFS)  (BFS)