Special Issue

Advances on Clustering Algorithms for Image Processing

Message from the Guest Editor

Clustering methods have been actively developed for decades for applications in databases, data analysis, web mining, recognition systems, pattern recognition, and also image processing. Clustering depends on two things: Objective function such as sum-of-squared errors (SSE), and the algorithm that tries to optimize this function. An open question is to what extent these results apply to clustering for image processing. What clustering algorithm and which objective function should be used in remote sensing? The number of clusters should also be solved. This call for papers invites submissions of new methods and review papers that study how clustering methods are effectively applied in image processing. The application can be image enhancement, filtering, segmentation, object extraction or any other process that is used in remote sensing. Review papers based on systematic comparison of single components are especially welcome.

Guest Editor

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