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Dynamic graph-based label propagation for density peaks clustering

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Highlights

- A novel dynamic density peaks clustering method called DPC-DLP is proposed.
- The idea of k-nearest neighbors is used to compute the cut-off and local density of points.
- A graph-based label propagation mechanism to distribute labels and form final clusters.
- DPC_DLP can effectively assign true labels to border points located in overlapped regions.
- The results of experiments reveal the effectiveness of the proposed method.

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