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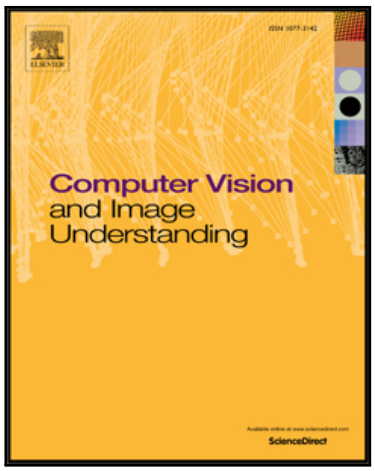


# Dual Soft Assignment Clustering Algorithm for Human Action Video Clustering

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**Highlights**

- Novel dual soft assignment clustering algorithm for dual clustering problems
- Soft assignment variables incorporated for a graph affinity-based cost functional
- Propose a lower-bound maximization technique yielding efficient convex subproblems
- Performance improvement over existing methods for UCF and Hollywood2 datasets

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