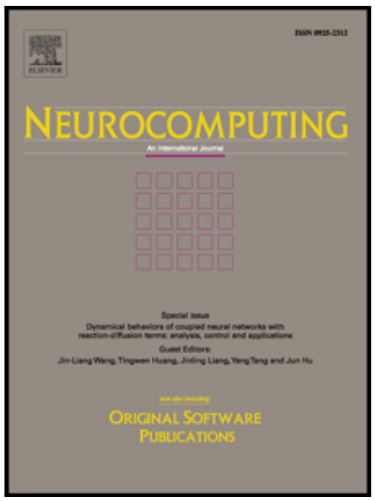

Person re-identification post-rank optimization via hypergraph-based learning

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Highlights

- Hypergraph is exploited to describe relationship between person re-identification images concerning high-order. To the best of our knowledge, especially for image re-ranking in person re-identification no existing work explores the features of hypergraph.
- A new refinement algorithm is presented for rank list classification and filtering. This process is based on relative score estimation and rank categorization.
- A hypergraph is constructed via discriminative information from different visual features and complex visual representations, whereas individual weight learning is performed using soft assignment and each hyperedge is given a unique weight.
- Promising results are achieved which are compared to available state-of-the-art approaches.