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Spatio-Temporal Union of Subspaces for Multi-body Non-rigid
Structure-from-Motion

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Highlights

- We propose a joint segmentation and reconstruction framework to the challenging task of complex multi-body NRSfM by exploiting the inherent spatio-temporal union of subspace constraint.
- We propose to efficiently solve the resultant non-convex optimization problem based on the ADMM method.
- Extensive experimental results on both synthetic and real multi-body NRSfM datasets demonstrate the superior performance of our proposed framework.

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