

PROBLEM OVERVIEW



Retrieval and Deformation are equal citizens in a joint problem.

WHY JOINT LEARNING?

- Deformation-aware Retrieval
- embedding that retrieves models that fit after deformation

Retrieval-aware Deformation

- embedding can aid the selection of better source-target pairs
- Two modules that are trained **jointly** optimizing network capacity.



Joint Learning of 3D Shape Retrieval and Deformation Mikaela Angelina Uy Vladimir G. Kim Minhyuk Sung Noam Aigerman

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OUR APPROACH





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