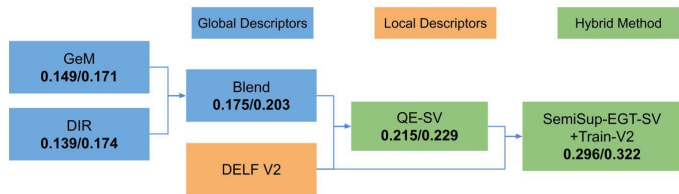


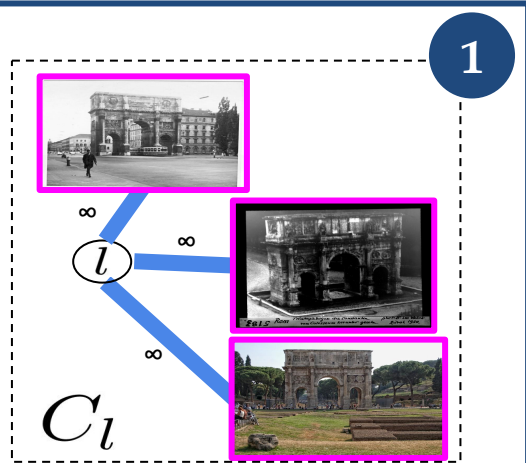
Semi-Supervised Exploration in Image Retrieval

Cheng Chang* Himanshu Rai* Satya Krishna Gorti* Junwei Ma* Chundi Liu*
Guangwei Yu Maksims Volkovs

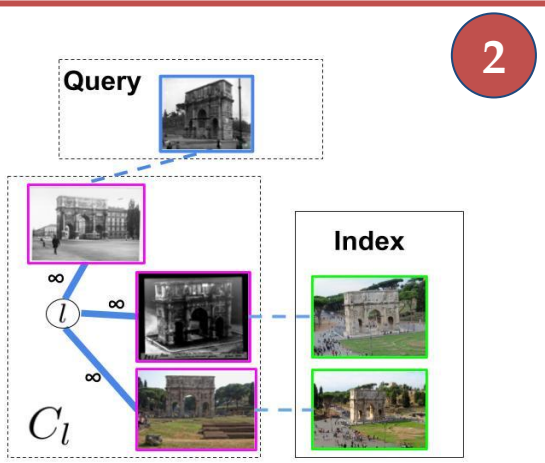
layer 6



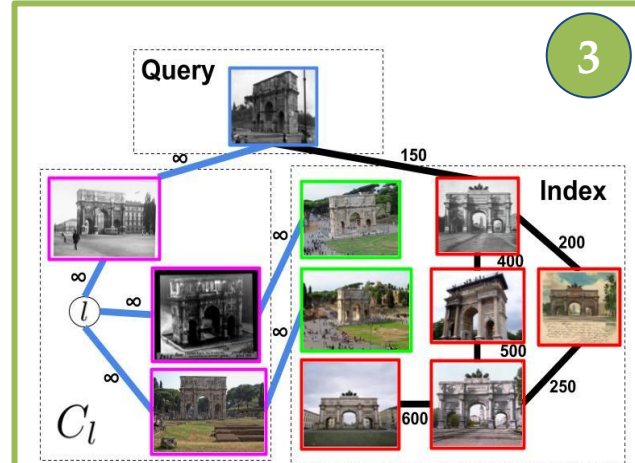
- DIR concatenated with GeM trained on Landmark-v1 dataset.
- QE and spatial verification (RANSAC) using DELF-V2
- **Novel Contribution:** Semi-supervised extension of EGT for final ranking.



Build sets of trusted sub-graphs using labeled Landmark-V2 training dataset.



Query and index match a label sub-graph to form additional trusted path between query and index.



Trusted paths (blue) are added to kNN graph on index, then apply EGT.