





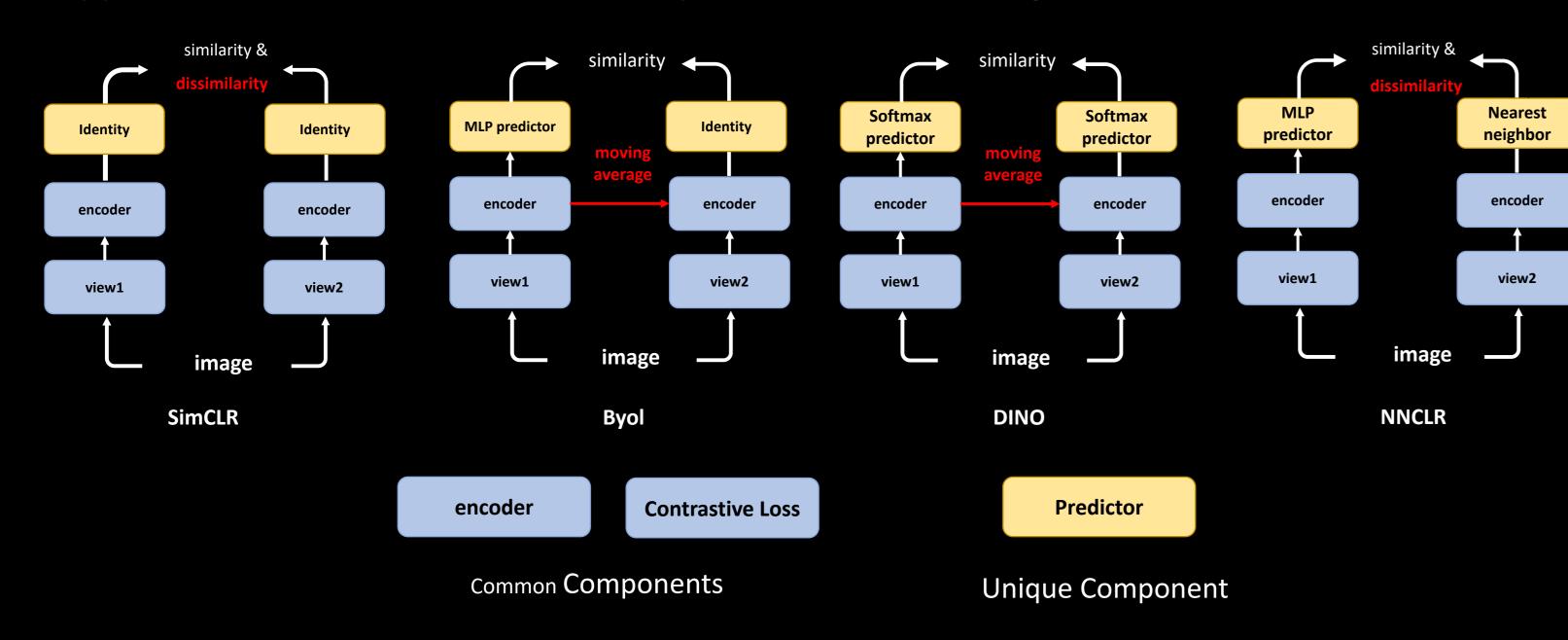


Unifying Visual Contrastive Learning for Object Recognition from a Graph Perspective

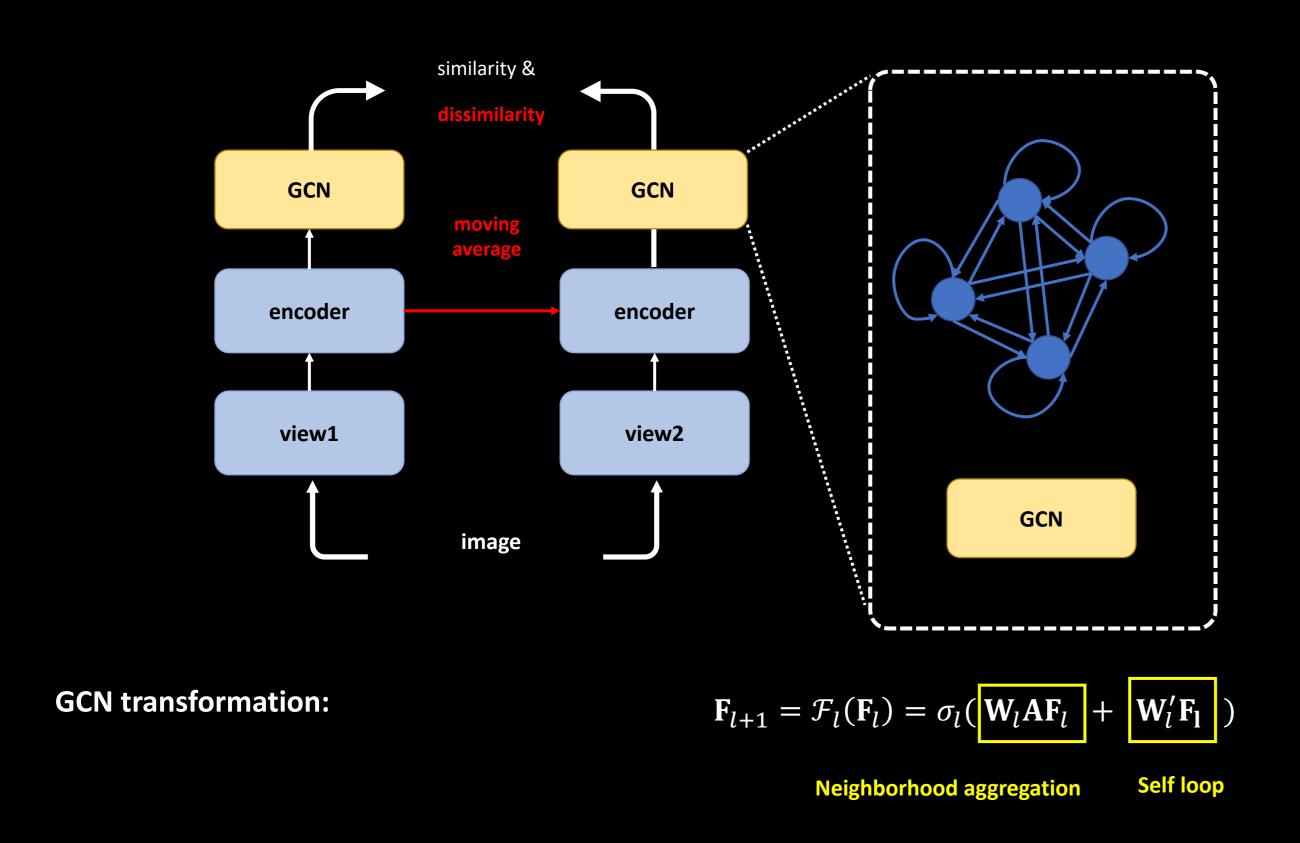
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1 The University of Sydney, 2 SenseTime Group Limited, 3 Shanghai Al Laboratory

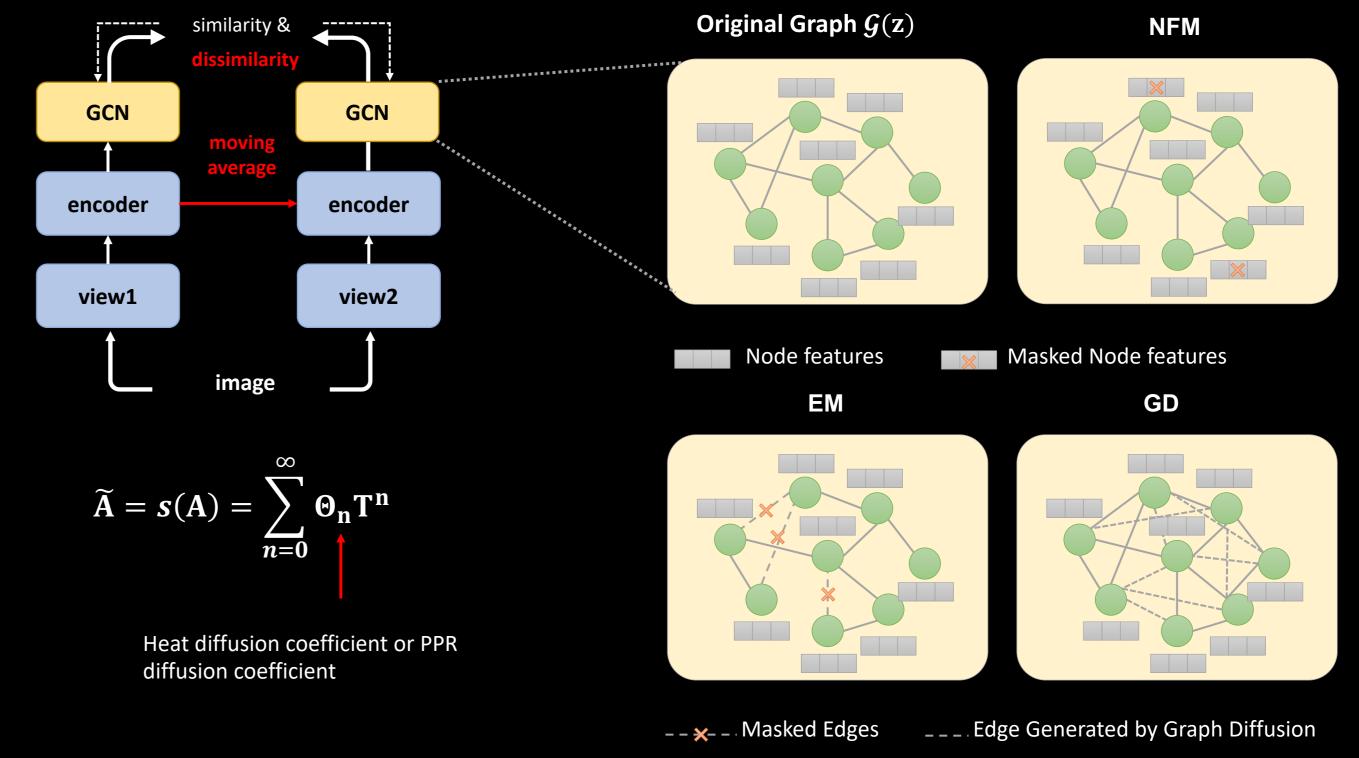
Typical framework for Self-supervised learning



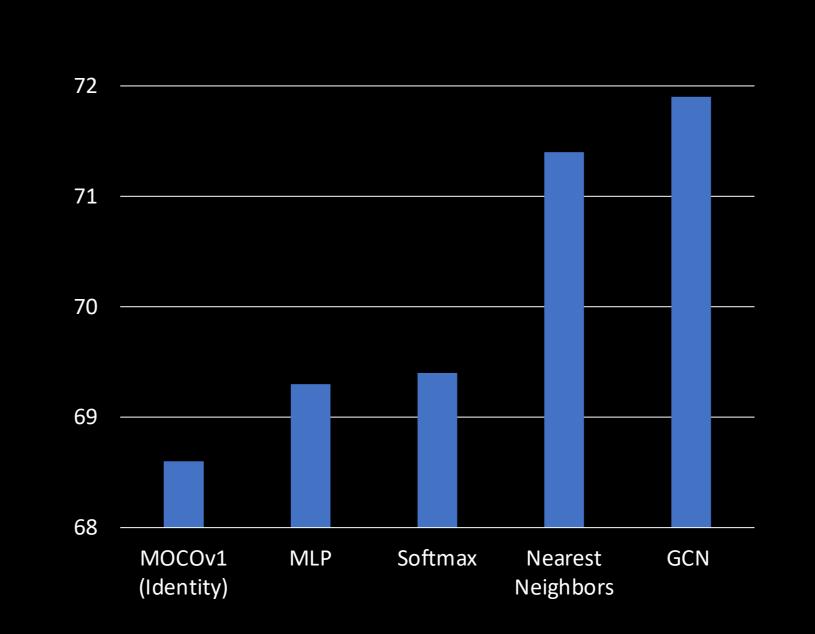
Unifying predictors by a GCN predictor



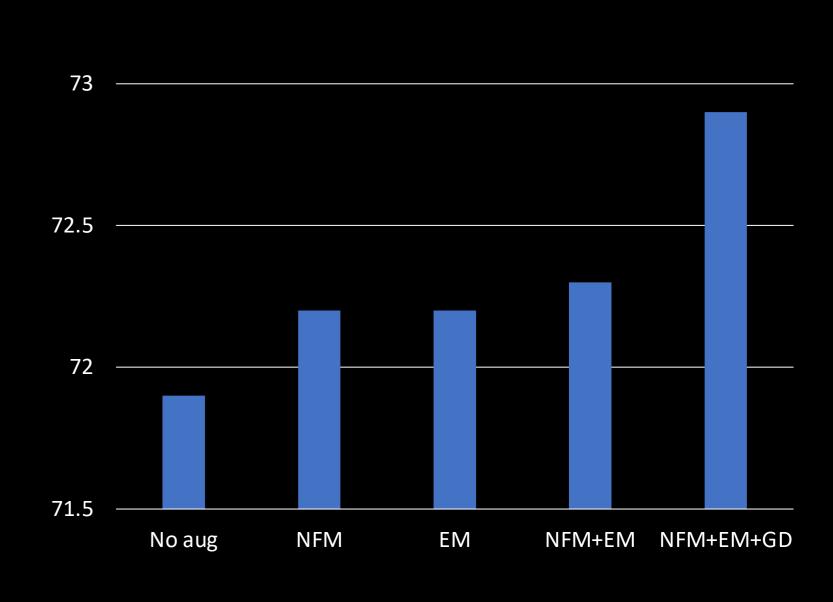
Graph augmentation introduced in Vision self-supervised learning



Effectiveness of GCN predictor



Effectiveness of graph aug



 \mathbf{W}_{l} , \mathbf{W}_{l+1} : transformation matrix