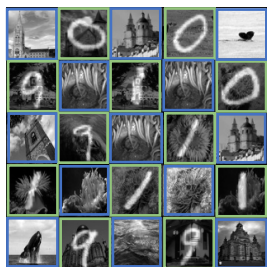


Contrastive learning of target-specific features



Input data: Background (BG) and Target (TG) images

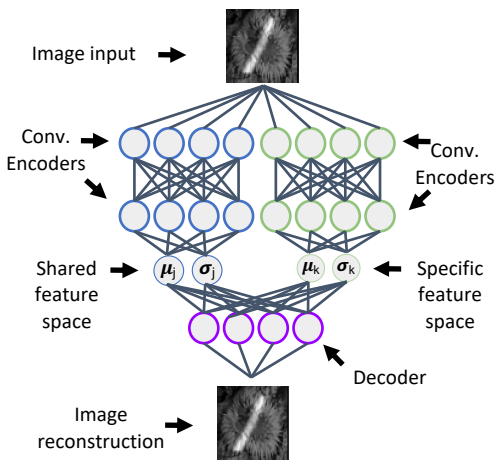


BG image (IMAGENET)

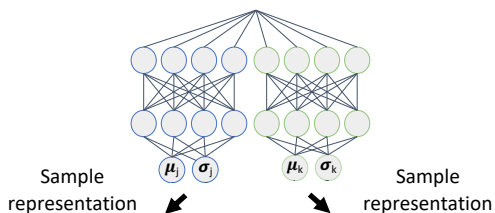
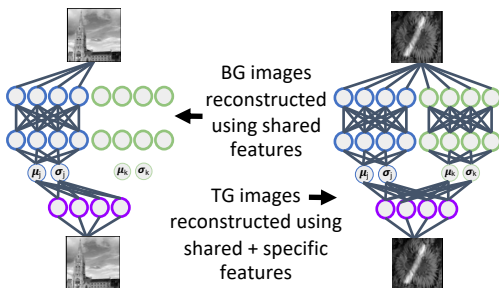


TG image (IMAGENET+MNIST)

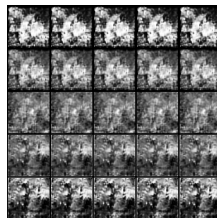
Network Architecture



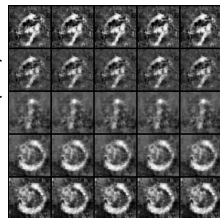
Data flow



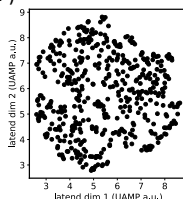
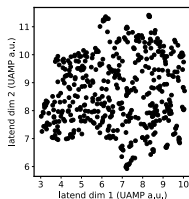
Shared-feature space



Specific-feature space

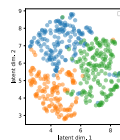


Dim. reduction (UMAP)



GMM clustering ↓

Specific features learned from overlapping (BG+TG) images



Cluster prototypes →

