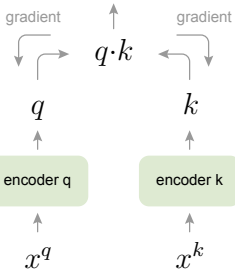
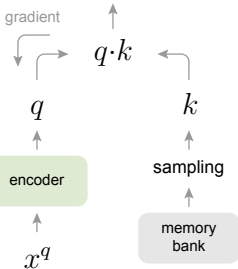


contrastive loss



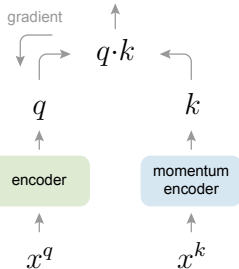
(a) end-to-end

contrastive loss



(b) memory bank

contrastive loss



(c) MoCo