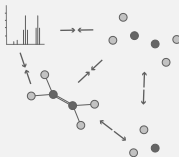


## masked modelling



predicting masked bonds

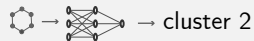
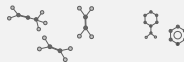
## contrastive learning



aligning embeddings

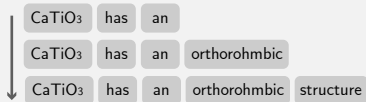
## clustering

cluster 1    cluster 2



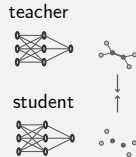
learning to label

## next token prediction



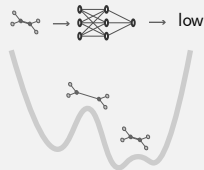
learning from context

## self-distillation



learning to align

## energy-based models



learning rules