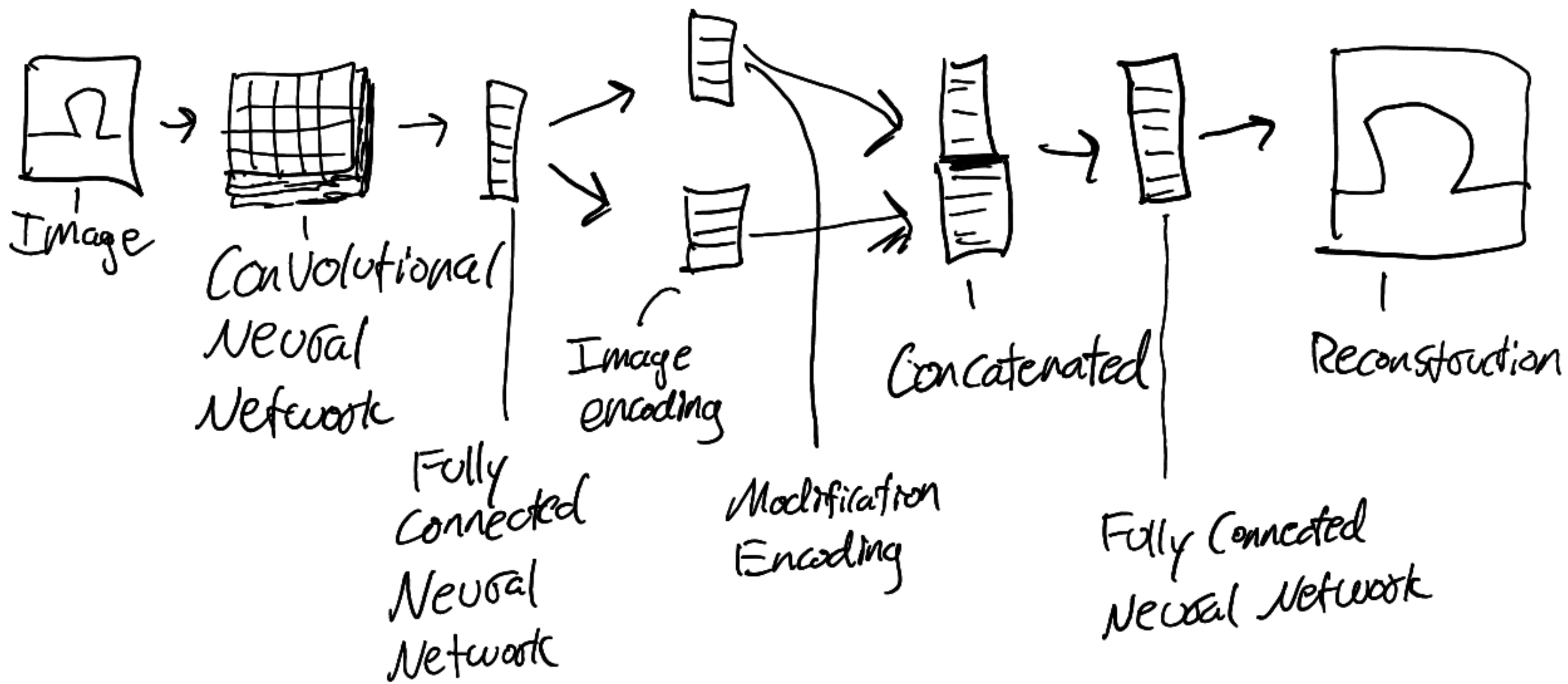
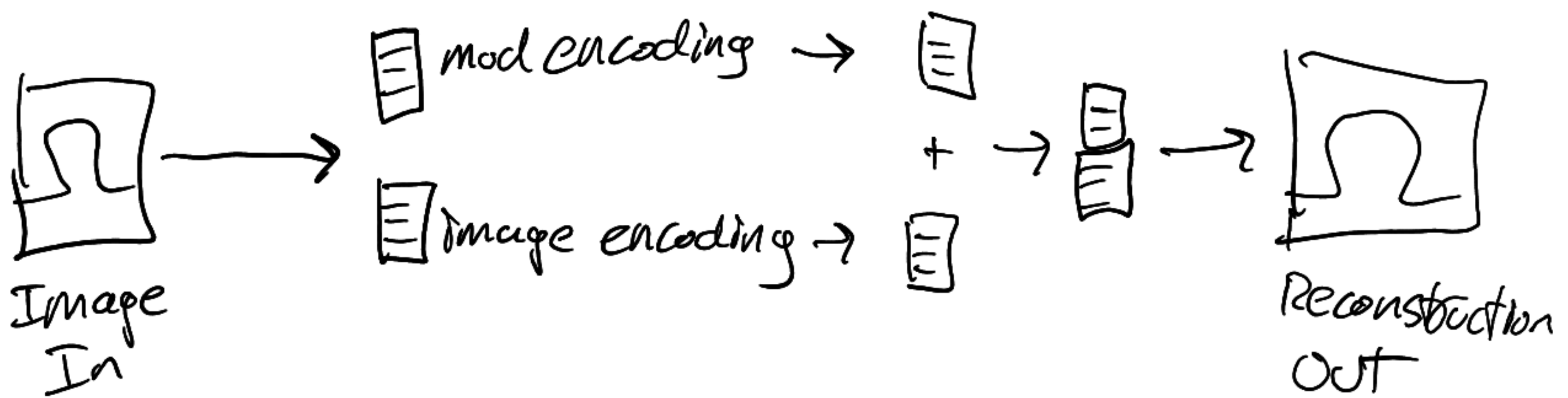
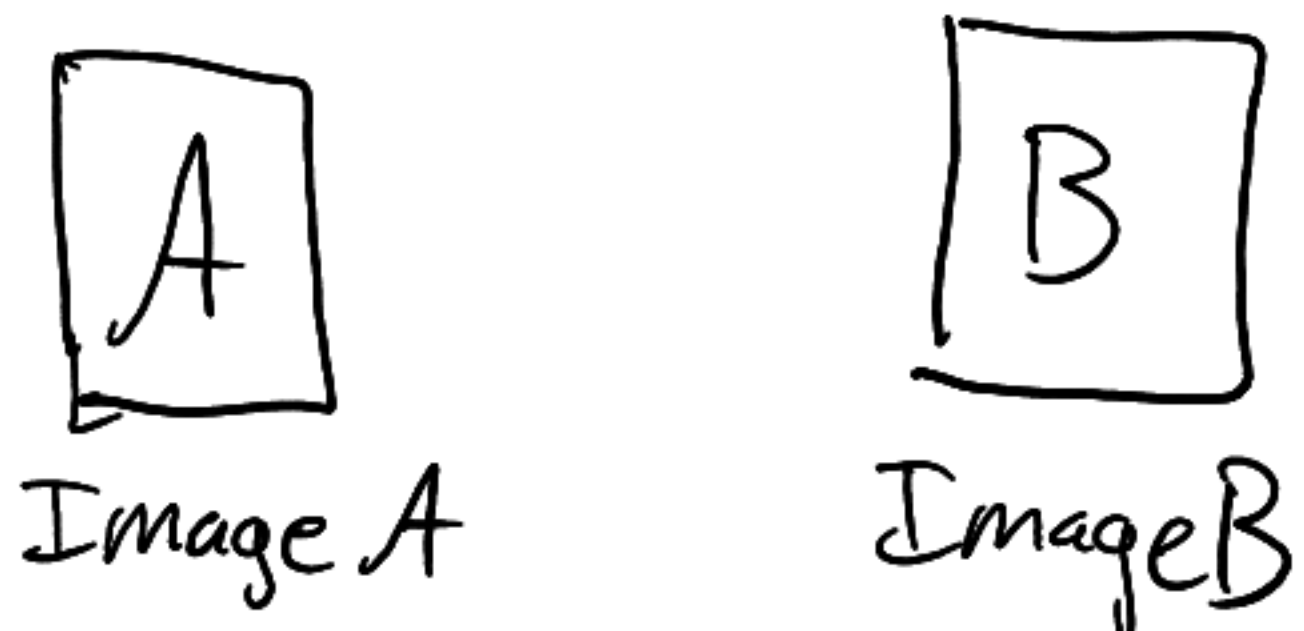


Siamese Crossover Autoencoder

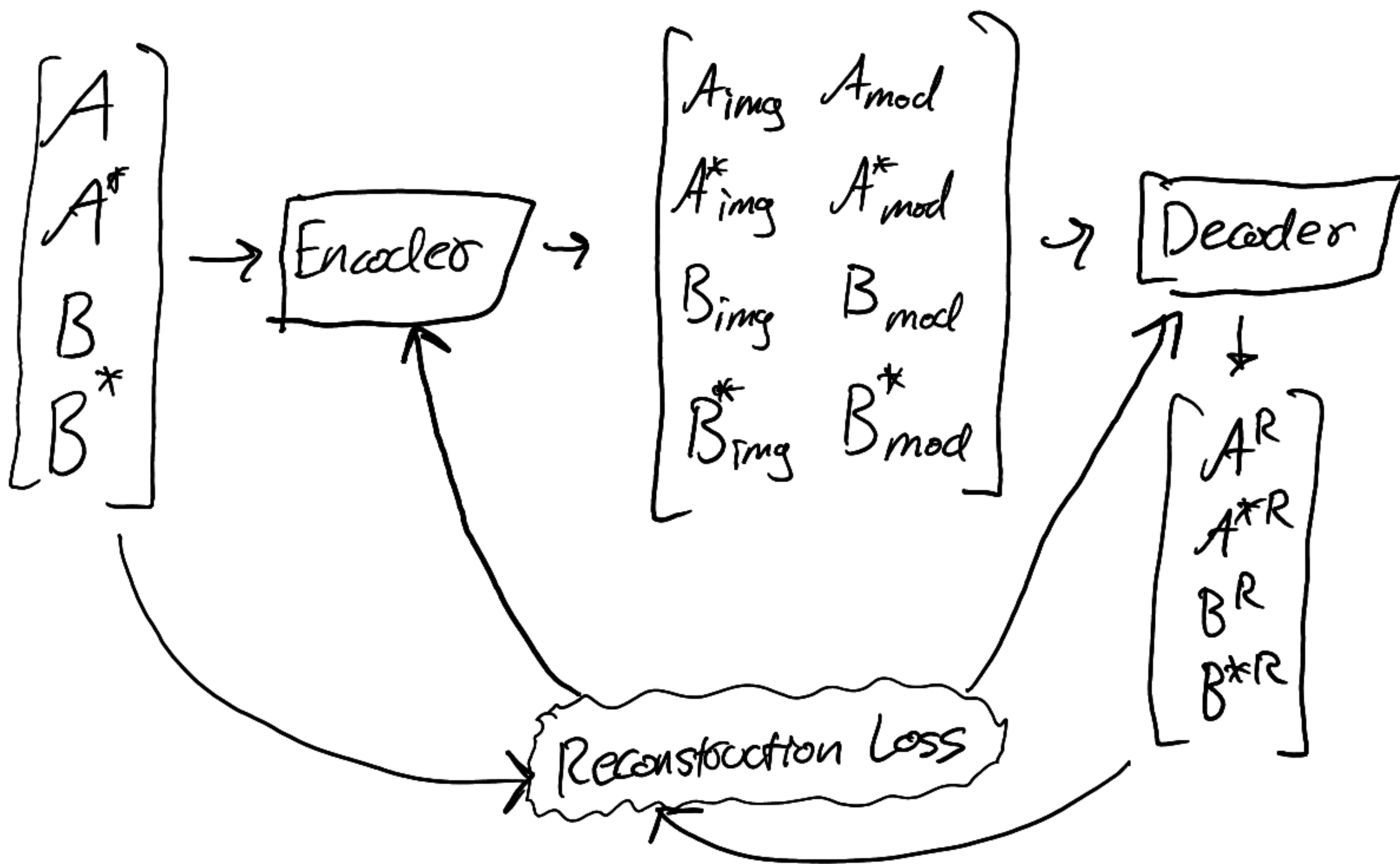


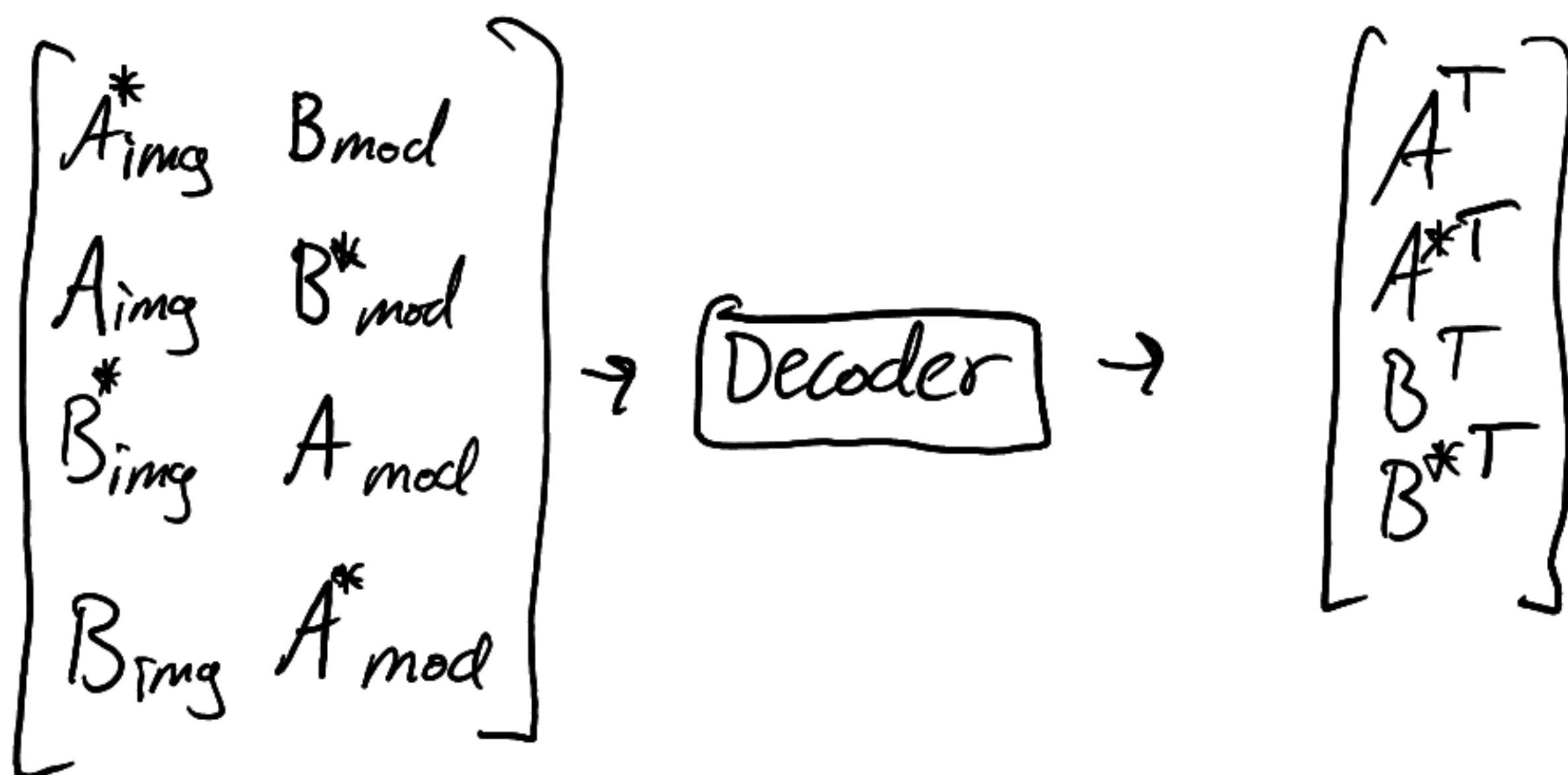
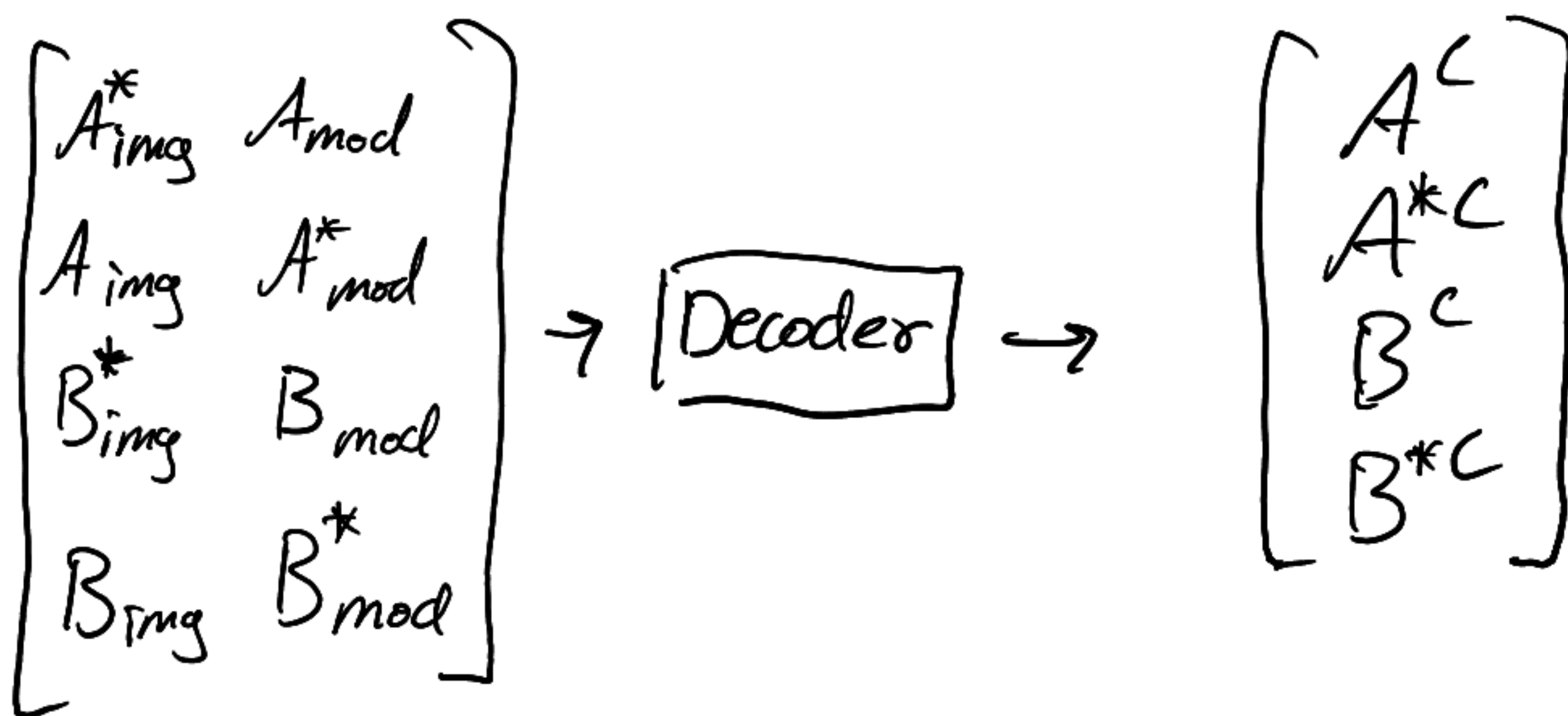
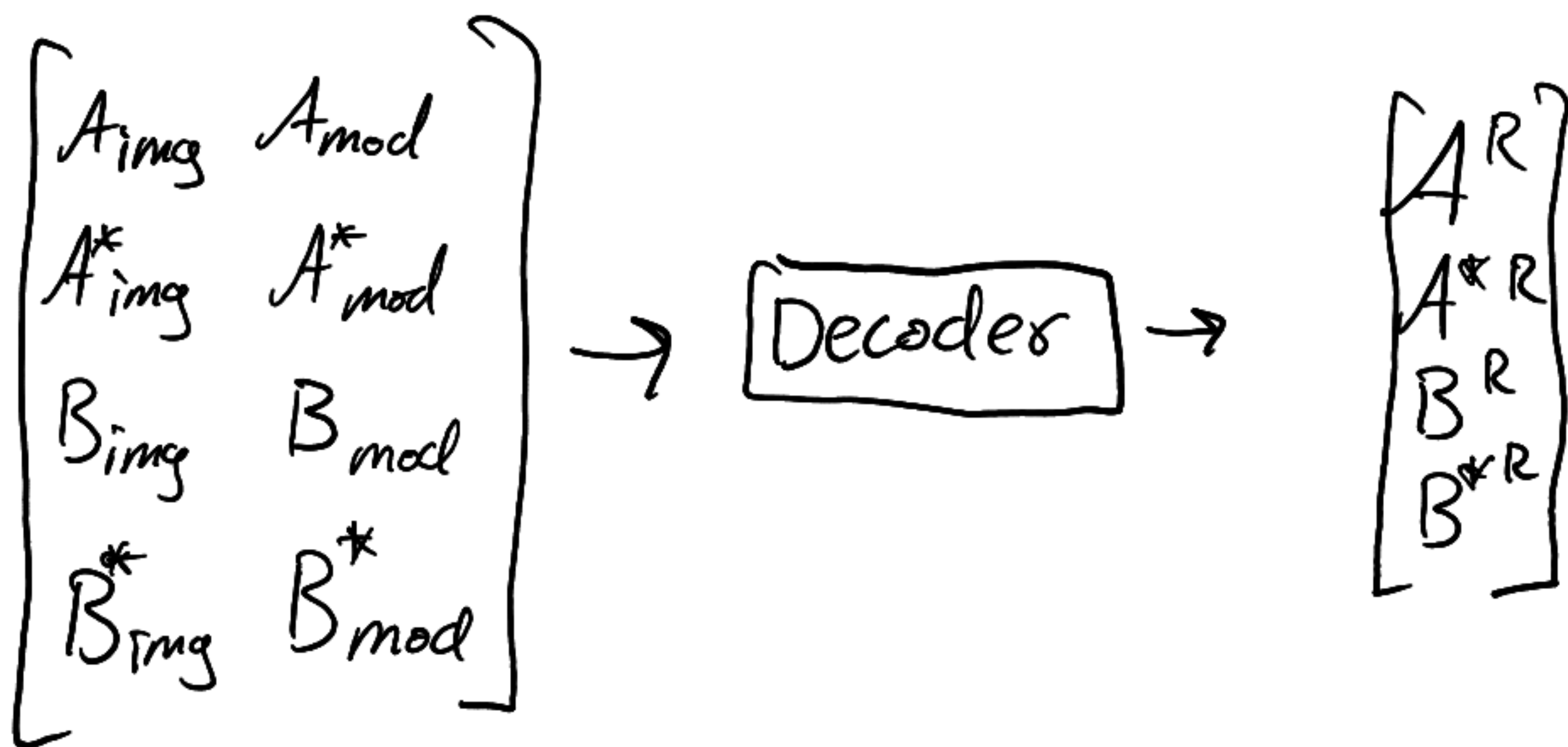
In short

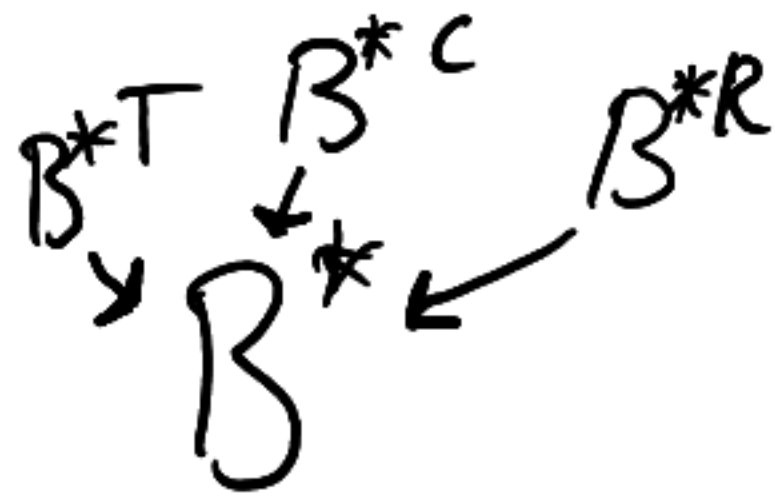
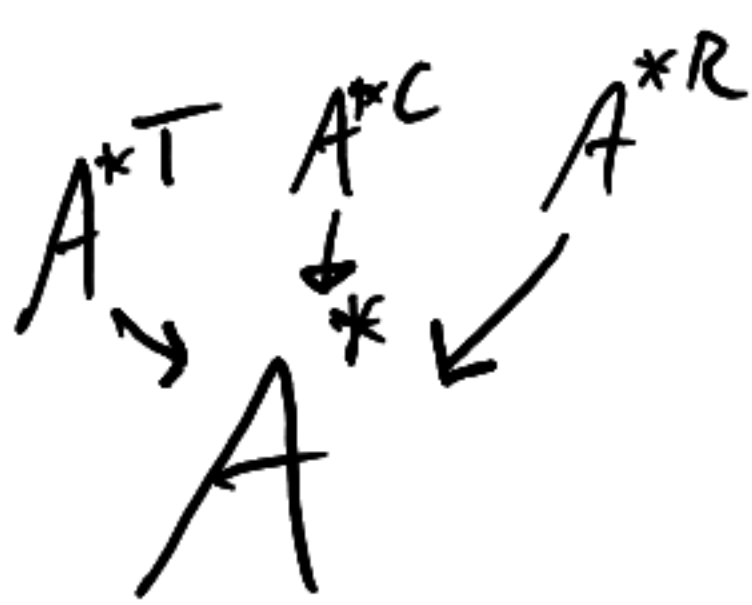
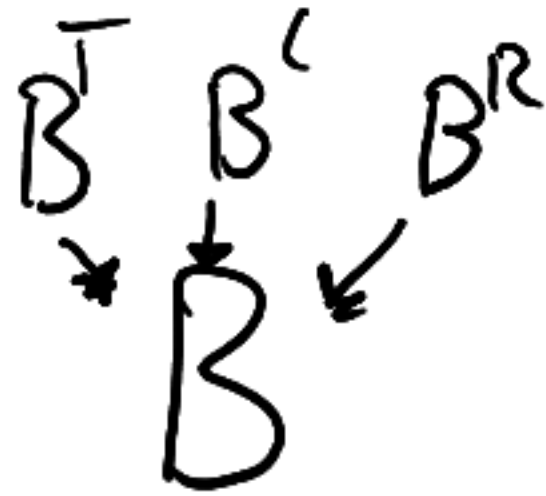
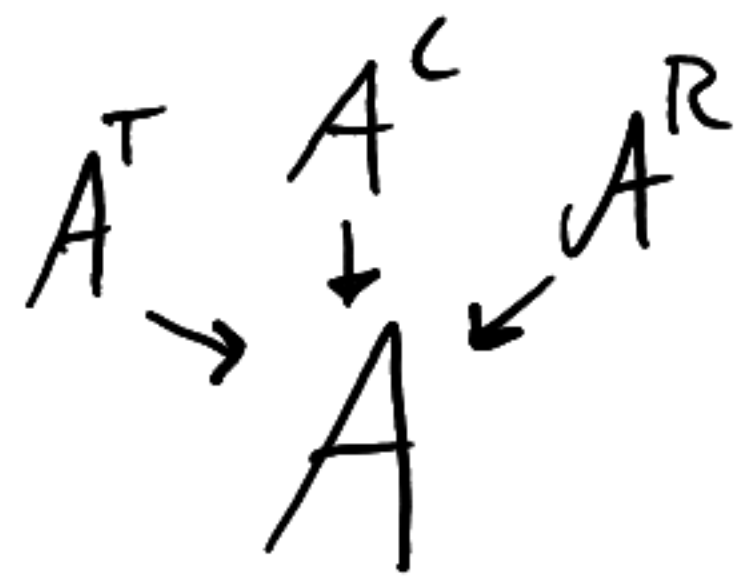




(Modification)
e.g. "Rotate 37°"







2 original images

2 modified images

3 reconstructions of each

- own image encoding + own mod encoding
- cross image encoding ($A_{img} \rightarrow A_{img}^*$, $A_{img}^* \rightarrow A_{img}$)
+ own mod encoding
- cross image encoding
+ trans modification encoding ($A_{mod} \rightarrow B_{mod}$,
 $A_{mod}^* \rightarrow B_{mod}^*$)