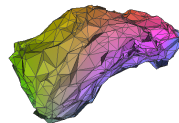
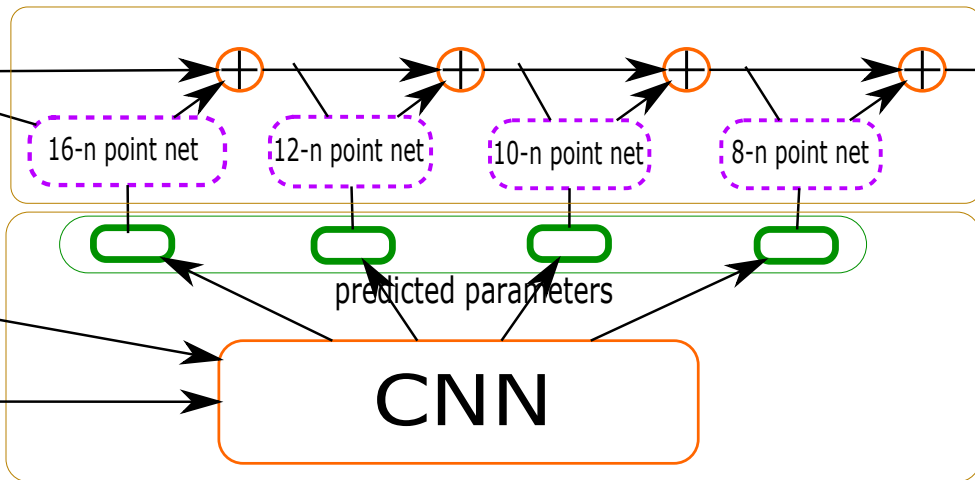


sampling on parameter domain



output point set

## Mapping Network



z: random vector

Input Image

CNN

predicted parameters

## Semantic Network

