



Autoencoder

conv9-64
conv3-128
res3-256
res3-256
res3-256
res3-256
FC-128

Encoder

Latent vector: \mathbf{z}

FC-128
FC-256
conv3-128
conv3-256
conv3-256
conv5-64

FC-128
upsample3-256
upsample3-256
upsample3-128
upsample3-64
upsample3-3

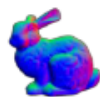
Decoder



6-channel input:



RGB



Normals

Illumination predictor