|  |  |
| --- | --- |
| Neural Net |  |
| Deterministic function |  |

Deterministic function

*Different Architecture of the Spatially equivariant variational autoencoder. Left: full (TVAE\_2), new. Right: previous one, partial (Siyu’s: TVAE\_1)*

Image

Transformation parameters

Latent variables

Reconstructed Upright image

Reconstructed image

Image

Transformation parameters

Upright image

Latent variables

Reconstructed Upright image

Reconstructed image

Inverse Transformation parameters