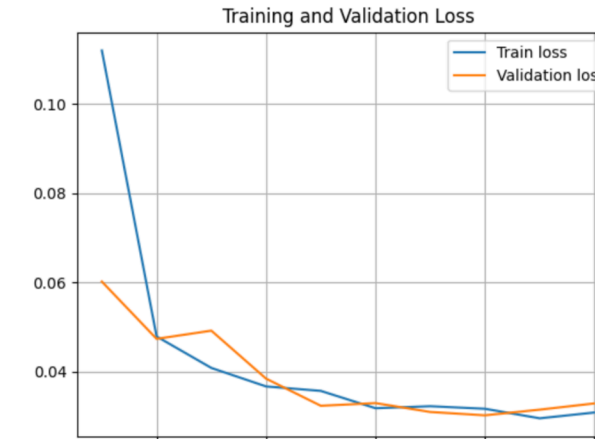


Building model

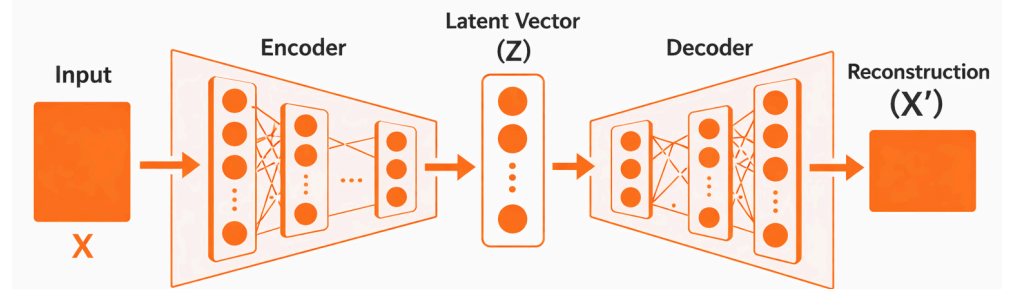
Contrast computation

- RMScontrast
- DoG (edge detector)



Convolutional autoencoder

- training on clear images
- added contrast description



Testing image stream



$$L = L_{pix} + \alpha L_{DoG} + \beta L_{RMS}$$

$$L_{pix} = \|I - \hat{I}\|_1$$

$$L_{DoG} = \|DoG(I) - DoG(\hat{I})\|_1$$

$$L_{RMS} = \|RMS(I) - RMS(\hat{I})\|_1$$

