Autoencoder results (generator 1) Loss Latent space 1.6 2.0 1.4 8 1.5 1.2 1.0 N 1.0 Ø 8.0 0.5 0.6 0.4 0.0 0.2 0.5 1.0 0 2 8 10 1.5 2.0 2.5 3.0 0.0 Epoch z_0 Reconstruction Reconstruction 10 Χ X Pure Voigt Pure Voigt 8 8 6 6 Intensity Intensity 2 2 0 0 100 200 300 400 500 100 200 300 400 500 Wavenumber Wavenumber Reconstruction Reconstruction 10 10 X Pure Voigt Pure Voigt 8 8 6 6 Intensity Intensity 2 2 0 0 200 100 200 400 500 100 400 300 300 500 0 0 Wavenumber Wavenumber