Dataset

```
plot_3d(x_)
plot_3d(x)
```
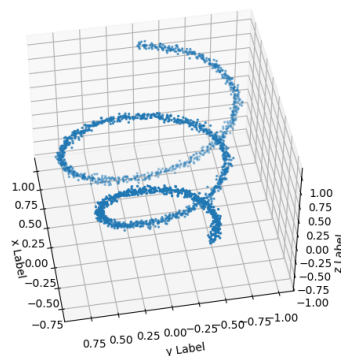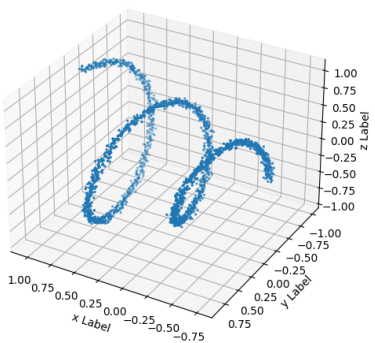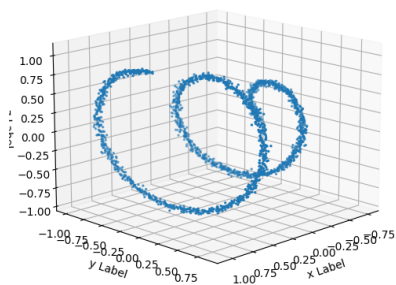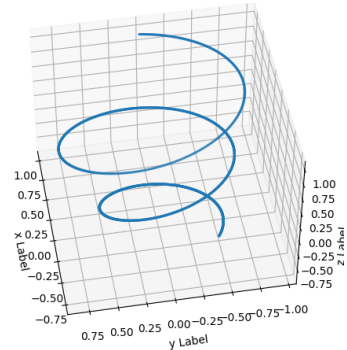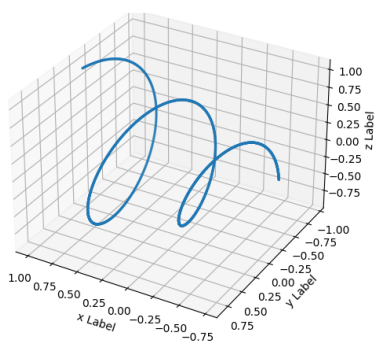

Dataloader

```
plot_3d(train_x)
```

Model Configurations

```python
plt.plot(torch.sqrt(alpha_bars.cpu()))
plt.plot(torch.sqrt(1-alpha_bars.cpu()))
```
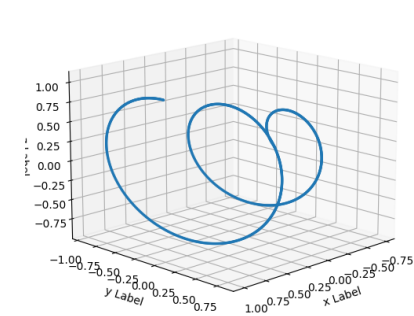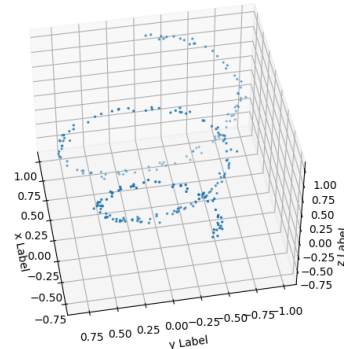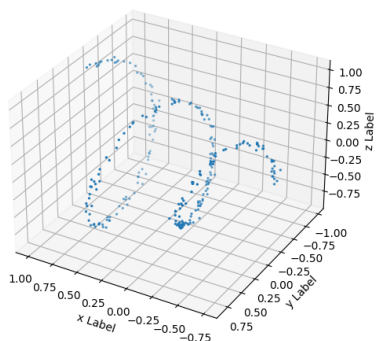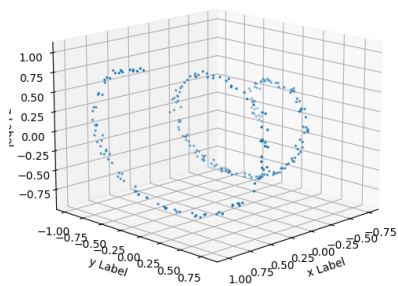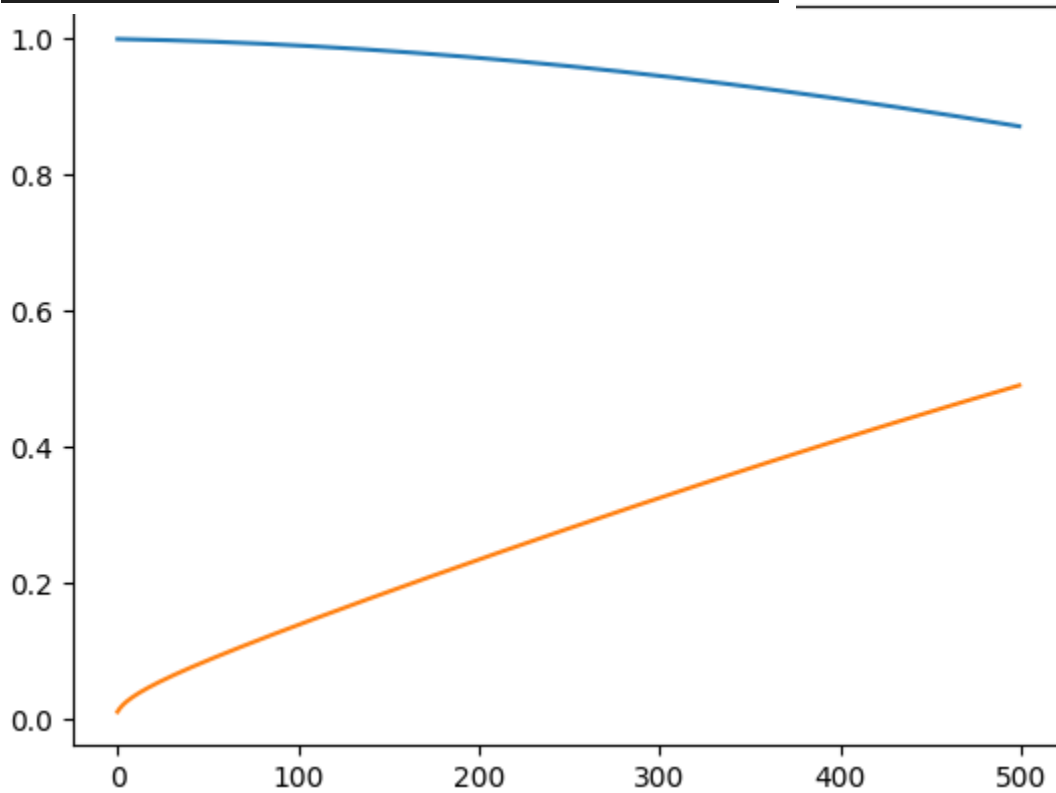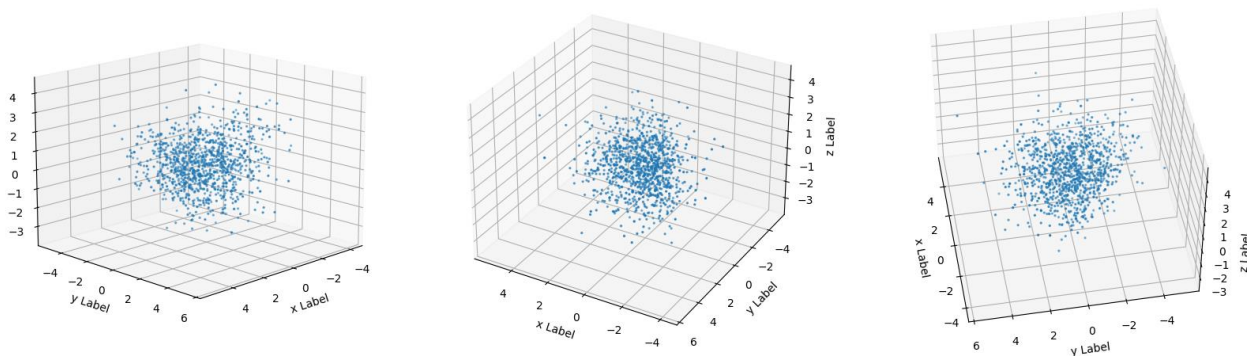

Result (Before)

```python
sample = sampling_fn(sampling_number, only_final_out = only_final_out)
plot_3d(sample.cpu().detach().numpy())
```

Result (After Training)