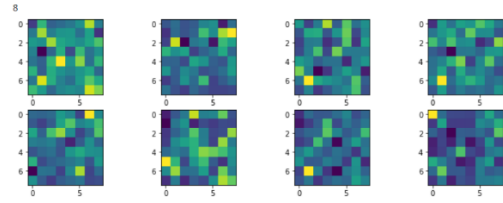
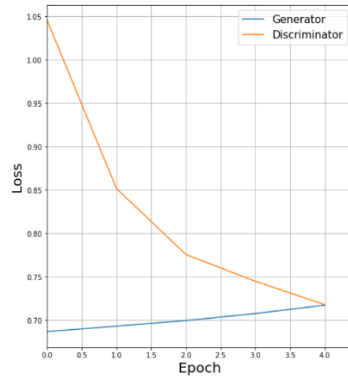


Results for Hybrid Quantum GANS

Configuration	Loss	Generated Images
-100 samples (jet mass) -30 epochs -Adam optimizer (Generator lr=0.001) (Discriminator lr=0.001) -1 Generator step per Discriminator step -pqc3		
-500 samples (jet mass) -10 epochs -Adam optimizer (Generator lr=0.001) (Discriminator lr=0.0001) -1 Generator step per Discriminator step -pqc3		
-1000 samples (jet mass) -20 epochs -Adam optimizer (Generator lr=0.01) (Discriminator lr=0.001) -1 Generator step per Discriminator step -pqc3		
-10000 samples (jet mass) -5 epochs -Adam optimizer (Generator lr=0.01) (Discriminator lr=0.001) -1 Generator step per Discriminator step -pqc3		

Results for Hybrid Quantum GANS

-10000 samples
(jet mass)
-5 epochs
-Adam optimizer
(Generator
 $\text{lr}=0.01$)
(Discriminator
 $\text{lr}=0.001$)
-5 Generator step
per Discriminator
step
-pqc3
(Reduced
parameters)



-10000 samples
(jet mass)
-5 epochs
-Adam optimizer
(Generator
 $\text{lr}=0.01$)
(Discriminator
 $\text{lr}=0.001$)
-5 Generator step
per Discriminator
step
-pqc3
(Improved)

