BIG test

April 15, 2021

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[1]: import os
     os.environ['TF_CPP_MIN_LOG_LEVEL'] = '2'
                                                                  # Hide log
     import tensorflow as tf
                                                                   # Data augmentation
     physical_devices = tf.config.list_physical_devices('GPU')
     tf.config.experimental.set_memory_growth(physical_devices[0], True)
     from tensorflow.keras import layers
     from tensorflow.keras.preprocessing.image import ImageDataGenerator
                                                                   # Read pictures
     import PIL
     from PIL import Image, ImageOps
                                                                   # Using ImageOps<sub>□</sub>
     → for padding
     import numpy as np
                                                                   # Handling picture
      \rightarrow as matrix, randomize etc...
     import matplotlib.pyplot as plt
                                                                   # Optional, if you_
     →would like to show results
     import sklearn
     from sklearn import neighbors
     from sklearn.metrics import confusion_matrix
     # Need to supervise
     from tensorflow import keras
     from keras.models import Sequential
     from keras.layers import Dense, Dropout, Flatten, Layer, AveragePooling2D, Input
     from keras.layers import Conv2D, MaxPooling2D, BatchNormalization, Activation
     from keras import backend as K
     from keras.optimizers import Adam
     from keras.callbacks import ModelCheckpoint, LearningRateScheduler
     from keras.callbacks import ReduceLROnPlateau
     from keras.preprocessing.image import ImageDataGenerator
     from keras.regularizers import 12
     from keras.models import Model
```

```
median_ratio = 1.48
q3_x = 820
q3_y = 630
alpha = 0.2
lr = 1e-1
epochs = 100
def triplet_loss(model1, apn_list, alpha):
   y = data_augmentation(apn_list)
   x = model1(y, training = True)
   a = tf.linalg.normalize(x[0])[0]
   p = tf.linalg.normalize(x[1])[0]
   n = tf.linalg.normalize(x[2])[0]
   return tf.math.maximum(tf.math.square(tf.norm(a-p, ord='euclidean'))-tf.
→math.square(tf.norm(a-n, ord='euclidean'))+alpha,0)
def grad(model1, apn_list, alpha):
   with tf.GradientTape() as tape:
        loss = triplet_loss(model1, apn_list, alpha)+sum(model1.losses)
   return loss,tape.gradient(loss,model1.trainable_variables)
def read_image(pic_list):
# Initalize az empty list which will contain the 3 picture as array.
   apn_list = []
# Read 3 picture
   for i in pic_list:
    # Read image and get dimensions
        img = PIL.Image.open(i).convert('RGB') # Read image
       height = np.asarray(img).shape[0]
                                                           # Get y max coord
       width = np.asarray(img).shape[1]
                                                           # Get x max coord
        current_ratio = float(width/height)
                                                           # Calculate ratio
    # Define initial new resolution (temporary)
       new_tb = height
       new_lr = width
    # Calculate new size with keeping the aspect ratio
        if current_ratio < median_ratio:</pre>
            new_lr = int(median_ratio*height)
        elif current_ratio > median_ratio:
            new_tb = int(width/median_ratio)
    # Padding new image to the middle of the picture
```

```
new_img = PIL.ImageOps.pad(img, (new_lr,new_tb), color=None,__
 \rightarrowcentering=(0.5, 0.5))
    # Using Quantile 3 to resize images with keeping the aspect ratio
        new_height = int(q3_x * new_tb / new_lr)
        new width = int(q3 y * new lr / new tb)
        new_img = new_img.resize((new_width, new_height), Image.ANTIALIAS)
    # Padding the new image again to keep the q3_x and q3_y
        new_img = np.asarray(PIL.ImageOps.pad(new_img, (q3 x,q3_y), color=None,_
 \rightarrowcentering=(0.5, 0.5)))/255
        apn list.append(new img)
    #print(np.asarray(apn_list).shape)
                                                             # Check dimensions
\rightarrow if necessary
    return np.asarray(apn_list)
# RESNET V1
# depth = 6*n+2
# RESNET V2
depth = 20
data_augmentation = tf.keras.Sequential([
 layers.experimental.preprocessing.RandomZoom((-0.05, 0.2),(-0.05, 0.
→2),fill_mode='nearest'),
 layers.experimental.preprocessing.RandomFlip("horizontal and vertical"),
 layers.experimental.preprocessing.RandomRotation(0.02, 'nearest'),
  layers.experimental.preprocessing.RandomContrast(0.7),
])
# Input data
# szazxszep_L="/home/wildhorse_project/detectron_pic/szazxszep_L.csv"
                # Examined horse [take 2 horse]
# thetisz_L="/home/wildhorse_project/detectron_pic/thetisz_L.csv"
         # Different horse [take 1 horse]
# panka L="/home/wildhorse project/detectron pic/panka L.csv"
szazxszep="/home/wildhorse project/detectron pic/FINAL TEST/szazxszep train.
⇔csv"
                                # Examined horse [take 2 horse]
thetisz="/home/wildhorse_project/detectron_pic/FINAL_TEST/thetisz_train.csv"
                     # Different horse [take 1 horse]
panka="/home/wildhorse_project/detectron_pic/FINAL_TEST/panka_train.csv"
huba="/home/wildhorse_project/detectron_pic/FINAL_TEST/huba_train.csv"
lilla="/home/wildhorse_project/detectron_pic/FINAL_TEST/lilla_train.csv"
lantos="/home/wildhorse_project/detectron_pic/FINAL_TEST/lantos_train.csv"
```

```
szazxszep_plus_val="/home/wildhorse_project/detectron_pic/FINAL_TEST/
⇔plus_val_szazxszep.csv"
                                                    # Examined horse [take 2]
\rightarrowhorse]
thetisz_plus_val="/home/wildhorse_project/detectron_pic/FINAL_TEST/
→plus val thetisz.csv"
                                               # Different horse [take 1 horse]
panka_plus_val="/home/wildhorse_project/detectron_pic/FINAL_TEST/plus_val_panka.
⇔csv"
huba_plus_val="/home/wildhorse_project/detectron_pic/FINAL_TEST/plus_val_huba.
lilla plus val="/home/wildhorse project/detectron pic/FINAL TEST/plus val lilla.
⇔csv"
lantos plus val="/home/wildhorse project/detectron pic/FINAL TEST/
_{\hookrightarrow} \texttt{plus\_val\_lantos.csv"}
szazxszep_plus_val_crop="/home/wildhorse_project/detectron_pic/szazxszep_plus/
⇔plus_val_szazxszep_crop.csv"
                                                         # Examined horse [take]
\rightarrow 2 horsel
thetisz plus val crop="/home/wildhorse project/detectron pic/thetisz plus/
⇒plus val thetisz crop.csv"
                                                    # Different horse [take 1]
\rightarrowhorse1
panka_plus_val_crop="/home/wildhorse_project/detectron_pic/panka_plus/
→plus_val_panka_crop.csv"
huba_plus_val_crop="/home/wildhorse_project/detectron_pic/huba_plus/
→plus_val_huba_crop.csv"
lilla plus val crop="/home/wildhorse project/detectron pic/lilla plus/
→plus_val_lilla_crop.csv"
lantos_plus_val_crop="/home/wildhorse_project/detectron_pic/lantos_plus/
→plus_val_lantos_crop.csv"
horses = [szazxszep,thetisz,panka,huba,lilla,lantos]
# Generate a big numpy array from the '.csv' file
my_data = np.empty(shape=(0,3))
for i in horses:
    my_data = np.concatenate((my_data,np.genfromtxt(i, dtype=str,__

delimiter=',')),axis = 0)
# Validaton dataset
# szazxszep R="/home/wildhorse_project/detectron_pic/szazxszep_R.csv"
               # Examined horse [take 2 horse]
# thetisz_R="/home/wildhorse_project/detectron_pic/thetisz_R.csv"
        # Different horse [take 1 horse]
# panka R="/home/wildhorse project/detectron pic/panka R.csv"
```

```
szazxszep val="/home/wildhorse_project/detectron_pic/FINAL_TEST/szazxszep_val.
                                # Examined horse [take 2 horse]
⇔CSV"
thetisz_val="/home/wildhorse_project/detectron_pic/FINAL_TEST/thetisz_val.csv" u
                       # Different horse [take 1 horse]
panka_val="/home/wildhorse_project/detectron_pic/FINAL_TEST/panka val.csv"
huba_val="/home/wildhorse_project/detectron_pic/FINAL_TEST/huba_val.csv"
lilla_val="/home/wildhorse_project/detectron_pic/FINAL_TEST/lilla_val.csv"
lantos_val="/home/wildhorse_project/detectron_pic/FINAL_TEST/lantos_val.csv"
val horses = [szazxszep val,thetisz val,panka val,huba val,lilla val,lantos val]
# Generate a big numpy array from the '.csv' file
val_data = np.empty(shape=(0,3))
for i in val_horses:
   val_data = np.concatenate((val_data,np.genfromtxt(i, dtype=str,__

delimiter=',')),axis = 0)
val_plus_horses =_
- [szazxszep_plus_val,thetisz_plus_val,panka_plus_val,huba_plus_val,lilla_plus_val,lantos_plu
# Generate a big numpy array from the '.csv' file
val_plus_data = np.empty(shape=(0,3))
for i in val_plus_horses:
   val_plus_data = np.concatenate((val_plus_data,np.genfromtxt(i, dtype=str,u
→delimiter=',')),axis = 0)
val_plus_horses_crop =_
→[szazxszep_plus_val_crop,thetisz_plus_val_crop,panka_plus_val_crop,huba_plus_val_crop,lilla
# Generate a big numpy array from the '.csv' file
val_plus_data_crop = np.empty(shape=(0,3))
for i in val_plus_horses_crop:
   val_plus_data_crop = np.concatenate((val_plus_data_crop,np.genfromtxt(i,u

dtype=str, delimiter=',')),axis = 0)
resnet1 = tf.keras.applications.ResNet50V2(input_shape =_
→(q3_y,q3_x,3),include_top=False, classes = 16, weights='imagenet')
#resnet1 = tf.keras.applications.ResNet101V2(input_shape =__
\rightarrow (q3_y,q3_x,3), include top=False, classes = 16, weights='imagenet')
y = tf.keras.layers.GlobalAveragePooling2D()(resnet1.output)
outputs = Dense(16,
                activation='softmax',
                kernel_initializer='he_normal',
                kernel_regularizer='12')(y)
```

```
model1 = Model(inputs=resnet1.input, outputs=outputs)
optimizer = tf.keras.optimizers.SGD(learning_rate=lr)
train_images = read_image(my_data[:,0])
train_classes = np.array(my_data[:,1].astype(int))
val_images = read_image(val_data[:,0])
val_classes = np.array(val_data[:,1].astype(int))
val_plus_images = read_image(val_plus_data[:,0])
val_plus_classes = np.array(val_plus_data[:,1].astype(int))
val_plus_images_crop = read_image(val_plus_data_crop[:,0])
val_plus_classes_crop = np.array(val_plus_data_crop[:,1].astype(int))
for i in range(epochs):
    if i%10 == 9:
        lr *=0.5
        optimizer.learning_rate=lr
    if i\%2 == 1:
        train_pred = model1.predict(train_images, batch_size = 1)
        train_pred = tf.linalg.normalize(train_pred, axis = 1)[0]
        val pred = model1.predict(val images, batch size = 1)
        val_pred = tf.linalg.normalize(val_pred, axis = 1)[0]
        val_plus_pred = model1.predict(val_plus_images, batch_size = 1)
        val_plus_pred = tf.linalg.normalize(val_plus_pred, axis = 1)[0]
        val_plus_pred_crop = model1.predict(val_plus_images_crop, batch_size =__
 \hookrightarrow 1)
        val_plus_pred_crop = tf.linalg.normalize(val_plus_pred_crop, axis = __ _
\hookrightarrow1)[0]
        n_neighbors = 5
        clf = neighbors.KNeighborsClassifier(n_neighbors)
        clf.fit(train_pred,train_classes)
        val_res = clf.predict(val_pred)
        val_plus_res = clf.predict(val_plus_pred)
        val_plus_res_crop = clf.predict(val_plus_pred_crop)
        accuracy = sum(val_res == val_classes)/val_data.shape[0]
        plus_accuracy = sum(val_plus_res == val_plus_classes)/val_plus_data.
 \rightarrowshape [0]
        plus_accuracy_crop = sum(val_plus_res_crop == val_plus_classes_crop)/
 →val_plus_data_crop.shape[0]
```

```
print(accuracy)
      print("EPOCH CONF_MATRIX VAL_RES")
      print(confusion_matrix(val_res, val_classes))
      print(val_res)
      print("##############"")
      print(plus_accuracy)
      print("EPOCH CONF MATRIX VAL PLUS RES")
      print(confusion_matrix(val_plus_res, val_plus_classes))
      print(val plus res)
      print("##############"")
      print(plus_accuracy_crop)
      print("EPOCH CONF_MATRIX VAL_PLUS_RES_CROP")
      print(confusion_matrix(val_plus_res_crop, val_plus_classes_crop))
      print(val_plus_res_crop)
  mean_loss = 0
  indexing_counter = 0
  zero counter = 0
  for j in np.random.permutation( range(len(my_data)) ):
      indexing counter+=1
      p = np.random.choice(np.where( (my_data[:,1] == my_data[j,1]))[0],1)[0]
      if p == j:
          p = np.random.choice(np.where( (my_data[:,1] ==__
\rightarrowmy_data[j,1]))[0],1)[0]
      n = np.random.choice(np.where(my_data[:,1] != my_data[j,1])[0],1)[0]
                        # Get random id from another class
      apn_list = np.stack((train_images[j],train_images[p],train_images[n]),__
\rightarrowaxis = 0)
      # print(model1.layers[1].weights[0][0][0])
      loss,grad_m1 = grad(model1,apn_list,alpha)
      mean_loss = (mean_loss + loss)/(j+1)
      optimizer.apply_gradients(zip(grad_m1, model1.trainable_variables))
      if loss == 0:
          zero counter += 1
  if zero counter == len(my data):
      print("Too many zeros")
      break
  print("Epoch: " + str(i) + " " + "Percentage of zeroes: " + L
→str(indexing_counter))
```

model1.save("/home/dkatona/big_test_lin.h5")

Epoch: 0	loss:	0.528050422668457	mean_loss: 0.0009566131047904491
step: 1			
Epoch: 0	loss:	0.6367892622947693	mean_loss: 0.0007825102657079697
step: 2			
Epoch: 0	loss:	0.4772835969924927	mean_loss: 0.0005463612615130842
step: 3	_		
Epoch: 0	loss:	0.6859185099601746	mean_loss: 0.0007747909985482693
step: 4	-	0.054074040444405	3 0 00050404400004
Epoch: 0	loss:	0.9513713121414185	mean_loss: 0.0005043146666139364
step: 5	1	0 21760706004562004	1 0 0001401003350740503
Epoch: 0	loss:	0.31760796904563904	mean_loss: 0.0001401993358740583
step: 6	1000.	0.6318199634552002	moon logg. 0 000E97202E6/10/72E0
Epoch: 0 step: 7	TOSS:	0.0310199034552002	mean_loss: 0.0005873235641047359
Epoch: 0	1000.	1.034899353981018	mean_loss: 0.0003845104656647891
step: 8	1055.	1.054099555901010	mean_10ss. 0.0003043104030047031
Epoch: 0	1000.	0.49794086813926697	mean_loss: 0.0004333264078013599
step: 9	1055.	0.43734000013320037	mean_1055. 0.0004000204070010000
Epoch: 0	loss	0.3136558532714844	mean_loss: 0.00011825646652141586
step: 10	TODD.	0.0100000002711011	modn_1055. 0.00011020010002111000
Epoch: 0	loss:	0.3124024569988251	mean_loss: 0.00016938791668508202
step: 11		0.0121021000000101	
Epoch: 0	loss:	0.3111540973186493	mean_loss: 0.00014960282715037465
step: 12			_
Epoch: 0	loss:	1.8447284698486328	mean_loss: 0.0007728856871835887
step: 13			
Epoch: 0	loss:	0.7008242011070251	mean_loss: 0.002542018424719572
step: 14			
Epoch: 0	loss:	0.3807889521121979	mean_loss: 0.0002684390638023615
step: 15			
Epoch: 0	loss:	1.3419119119644165	mean_loss: 0.0008468015003018081
step: 16			
Epoch: 0	loss:	0.4821522533893585	mean_loss: 0.0007654501823708415
step: 17			
Epoch: 0	loss:	0.8036373853683472	mean_loss: 0.001235641771927476
step: 18	_		
Epoch: 0	loss:	0.30181884765625	mean_loss: 0.00015589222311973572
step: 19	_	0 5004004540004054	3 0000000000000000000000000000000000000
Epoch: 0	loss:	0.5604021549224854	mean_loss: 0.00028909643879160285
step: 20	7	0 20014050027000502	3 0 0004005000004744550
Epoch: 0	loss:	0.30014950037002563	mean_loss: 0.0004925222601741552
step: 21	1000.	0 5040400275640400	mann lagg. 0 0002120070777017001
Epoch: 0 step: 22	TOSS:	0.5242429375648499	mean_loss: 0.0003130879777017981
Epoch: 0	loggi	1.6049883365631104	mean_loss: 0.0031414900440722704
step: 23	TOSS.	1.00400000001104	modn_1055. 0.0001414900440722704
acep. 20			

Epoch: 0 step: 24	loss:	0.2959918975830078	mean_loss: 0.00013474476872943342
Epoch: 0 step: 25	loss:	0.7245693206787109	mean_loss: 0.003735588165000081
Epoch: 0 step: 26	loss:	0.29341208934783936	mean_loss: 0.0045715030282735825
Epoch: 0 step: 27	loss:	0.29223960638046265	mean_loss: 0.00018965566414408386
Epoch: 0 step: 28	loss:	0.3243260383605957	mean_loss: 0.00035977349034510553
Epoch: 0 step: 29	loss:	0.2903403043746948	mean_loss: 0.00010609492164803669
Epoch: 0 step: 30	loss:	1.153014898300171	mean_loss: 0.00048819687799550593
Epoch: 0 step: 31	loss:	0.28695806860923767	mean_loss: 0.00011072659981437027
Epoch: 0 step: 32	loss:	0.2858113944530487	mean_loss: 0.00028939484036527574
Epoch: 0 step: 33	loss:	0.4911218285560608	mean_loss: 0.00023125232837628573
Epoch: 0 step: 34		0.45739832520484924	mean_loss: 0.0001837869785958901
Epoch: 0 step: 35	loss:	0.2824895977973938	mean_loss: 0.004711223300546408
Epoch: 0 step: 36	loss:	0.6839654445648193	mean_loss: 0.00032638703123666346
Epoch: 0 step: 37		0.46613290905952454	mean_loss: 0.00020786956883966923
Epoch: 0 step: 38		0.573931097984314	mean_loss: 0.0017611624207347631
Epoch: 0 step: 39	loss:	0.6346756219863892	mean_loss: 0.004028080962598324
Epoch: 0 step: 40	loss:	0.3634174168109894	mean_loss: 0.000406916398787871
Epoch: 0 step: 41	loss:	0.36907851696014404	mean_loss: 0.0001789275702321902
Epoch: 0 step: 42		0.4794326424598694	mean_loss: 0.00021584679780062288
Epoch: 0 step: 43	loss:	0.6729855537414551	mean_loss: 0.0002623543841764331
Epoch: 0 step: 44		0.3094780445098877	mean_loss: 0.007554643787443638
Epoch: 0 step: 45		0.3062703609466553	mean_loss: 0.00017512556223664433
Epoch: 0 step: 46	loss:	1.685485601425171	mean_loss: 0.001337826019152999
Epoch: 0 step: 47	loss:	0.26957494020462036	mean_loss: 0.00011960828851442784

Epoch: 0 step: 48	loss:	0.428030788898468	mean_loss: 0.0002559177519287914
Epoch: 0 step: 49	loss:	0.5602526068687439	mean_loss: 0.00019826974312309176
Epoch: 0 step: 50	loss:	0.2663249671459198	mean_loss: 9.9337768915575e-05
Epoch: 0 step: 51	loss:	0.2652607262134552	mean_loss: 0.00036152597749605775
Epoch: 0 step: 52	loss:	0.26420074701309204	mean_loss: 0.00010860520706046373
Epoch: 0 step: 53	loss:	0.26314499974250793	mean_loss: 0.00022792519303038716
Epoch: 0 step: 54	loss:	0.2620934844017029	mean_loss: 0.00011234321573283523
Epoch: 0 step: 55	loss:	0.36780399084091187	mean_loss: 0.0002496040251571685
Epoch: 0 step: 56	loss:	0.2975534200668335	mean_loss: 0.00011719913891283795
Epoch: 0 step: 57	loss:	1.1120611429214478	mean_loss: 0.00040107403765432537
Epoch: 0 step: 58	loss:	0.9886716604232788	mean_loss: 0.0003670028818305582
Epoch: 0 step: 59	loss:	0.35886964201927185	mean_loss: 0.0008614787948317826
Epoch: 0 step: 60	loss:	0.2720007300376892	mean_loss: 0.00011141780123580247
Epoch: 0 step: 61	loss:	0.8831523656845093	mean_loss: 0.00033355882624164224
Epoch: 0 step: 62	loss:	0.7258273363113403	mean_loss: 0.0048410724848508835
Epoch: 0 step: 63	loss:	0.49628588557243347	mean_loss: 0.0004644364526029676
Epoch: 0 step: 64	loss:	0.6026071310043335	mean_loss: 0.0006368231843225658
Epoch: 0 step: 65	loss:	0.7708630561828613	mean_loss: 0.0007497569313272834
Epoch: 0 step: 66	loss:	0.5911998748779297	mean_loss: 0.00025951321003958583
Epoch: 0 step: 67	loss:	0.7153217792510986	mean_loss: 0.00581773417070508
Epoch: 0 step: 68	loss:	0.47124284505844116	mean_loss: 0.0003949177043978125
Epoch: 0 step: 69	loss:	0.4275202751159668	mean_loss: 0.0006513168918900192
Epoch: 0 step: 70	loss:	0.4446232318878174	mean_loss: 0.00022375605476554483
Epoch: 0 step: 71	loss:	0.4086395502090454	mean_loss: 0.00020022688840981573

Epoch: 0 step: 72	loss: 0.24326789379119873	mean_loss: 0.00013739736459683627
Epoch: 0 step: 73	loss: 0.4783112406730652	mean_loss: 0.0005877747316844761
Epoch: 0 step: 74	loss: 0.3415382504463196	mean_loss: 0.0004347217327449471
Epoch: 0 step: 75	loss: 0.2961641550064087	mean_loss: 0.00014726855442859232
Epoch: 0 step: 76	loss: 0.8765174150466919	mean_loss: 0.00035478133941069245
Epoch: 0 step: 77	loss: 0.3270738422870636	mean_loss: 0.00030289418646134436
Epoch: 0 step: 78	loss: 0.7416493892669678	mean_loss: 0.00040856405394151807
Epoch: 0 step: 79	loss: 0.2850024104118347	mean_loss: 0.0002809163124766201
Epoch: 0 step: 80	loss: 0.23575632274150848	mean_loss: 9.456620318815112e-05
Epoch: 0 step: 81	loss: 0.9772132635116577	mean_loss: 0.0022675355430692434
Epoch: 0 step: 82	loss: 0.7387193441390991	mean_loss: 0.10585527122020721
Epoch: 0 step: 83	loss: 0.3823954463005066	mean_loss: 0.00024522890453226864
Epoch: 0 step: 84	loss: 0.2314552217721939	mean_loss: 9.260609658667818e-05
Epoch: 0 step: 85	loss: 0.2904440462589264	mean_loss: 0.00016176873759832233
Epoch: 0 step: 86	loss: 1.0487433671951294	mean_loss: 0.0003890597727149725
Epoch: 0 step: 87	loss: 0.427246630191803	mean_loss: 0.0001499423960922286
Epoch: 0 step: 88	loss: 0.5318015813827515	mean_loss: 0.00021694597671739757
Epoch: 0 step: 89	loss: 0.4383768141269684	mean_loss: 0.00020128212054260075
Epoch: 0 step: 90	loss: 0.3813679814338684	mean_loss: 0.0004829990793950856
Epoch: 0 step: 91	loss: 0.3872804045677185	mean_loss: 0.000923246203456074
Epoch: 0 step: 92	loss: 0.8836420774459839	mean_loss: 0.0009635788155719638
Epoch: 0 step: 93	loss: 0.2232305109500885	mean_loss: 0.0001803653285605833
Epoch: 0 step: 94	loss: 0.47724097967147827	mean_loss: 0.00021228160767350346
Epoch: 0 step: 95	loss: 0.3973690867424011	mean_loss: 0.001126292860135436

Epoch: 0 step: 96	loss:	0.4229910969734192	mean_loss: 0.00018391908088233322
Epoch: 0 step: 97	loss:	0.35698530077934265	mean_loss: 0.000771423801779747
Epoch: 0 step: 98	loss:	0.3786032199859619	mean_loss: 0.00016959081403911114
Epoch: 0 step: 99	loss:	0.2470082938671112	mean_loss: 0.0006337894592434168
Epoch: 0 step: 100	loss:	0.52402263879776	mean_loss: 0.0002881144464481622
Epoch: 0 step: 101	loss:	0.483537495136261	mean_loss: 0.001343960058875382
Epoch: 0 step: 102	loss:	0.6795958876609802	mean_loss: 0.00029099994571879506
Epoch: 0 step: 103	loss:	0.2146943211555481	mean_loss: 0.00016007843078114092
Epoch: 0 step: 104	loss:	0.30478137731552124	mean_loss: 0.00018492506933398545
Epoch: 0 step: 105	loss:	0.2132745385169983	mean_loss: 0.00010342027962906286
Epoch: 0 step: 106	loss:	0.7768764495849609	mean_loss: 0.0004504231037572026
Epoch: 0 step: 107	loss:	0.3728073239326477	mean_loss: 0.002006762195378542
Epoch: 0 step: 108	loss:	0.42116624116897583	mean_loss: 0.0004492282459978014
Epoch: 0 step: 109	loss:	0.20955809950828552	mean_loss: 0.0001361032627755776
Epoch: 0 step: 110	loss:	0.43887361884117126	mean_loss: 0.00029682874446734786
Epoch: 0 step: 111	loss:	0.2078101634979248	mean_loss: 0.00012071171659044921
Epoch: 0 step: 112	loss:	0.35734283924102783	mean_loss: 0.0003501111932564527
Epoch: 0 step: 113	loss:	0.35890236496925354	mean_loss: 0.001678749918937683
Epoch: 0 step: 114	loss:	0.3642888069152832	mean_loss: 0.00032018159981817007
Epoch: 0 step: 115	loss:	0.4326823949813843	mean_loss: 0.00048488532775081694
Epoch: 0 step: 116	loss:	0.20399340987205505	mean_loss: 0.00023887651332188398
Epoch: 0 step: 117	loss:	0.21159325540065765	mean_loss: 8.226490899687633e-05
Epoch: 0 step: 118	loss:	0.7811408638954163	mean_loss: 0.0005463098641484976
Epoch: 0 step: 119	loss:	0.3836996555328369	mean_loss: 0.00016274712106678635

Epoch: 0 step: 120	loss:	0.4085206687450409	mean_loss: 0.00014866620767861605
Epoch: 0 step: 121	loss:	0.20006605982780457	mean_loss: 0.00010515479516470805
Epoch: 0 step: 122	loss:	0.7028747797012329	mean_loss: 0.0002464002463966608
Epoch: 0 step: 123	loss:	0.3993189334869385	mean_loss: 0.00016021063493099064
Epoch: 0 step: 124	loss:	0.2057684063911438	mean_loss: 0.0002451531181577593
Epoch: 0 step: 125	loss:	0.19699111580848694	mean_loss: 0.00010353609832236543
Epoch: 0 step: 126	loss:	0.26570260524749756	mean_loss: 0.0001088923163479194
Epoch: 0 step: 127	loss:	0.19588115811347961	mean_loss: 0.00011603911116253585
Epoch: 0 step: 128	loss:	0.195098415017128	mean_loss: 6.893165846122429e-05
Epoch: 0 step: 129	loss:	0.3966827392578125	mean_loss: 0.0008080482366494834
Epoch: 0 step: 130	loss:	0.3773023784160614	mean_loss: 0.000760785595048219
Epoch: 0 step: 131	loss:	0.19283345341682434	mean_loss: 0.00016603278345428407
Epoch: 0 step: 132	loss:	0.37880071997642517	mean_loss: 0.00018714407633524388
Epoch: 0 step: 133	loss:	0.21532143652439117	mean_loss: 0.00015306007117033005
Epoch: 0 step: 134	loss:	0.6846225261688232	mean_loss: 0.000484282587422058
Epoch: 0 step: 135	loss:	0.19064605236053467	mean_loss: 0.00010636079241521657
Epoch: 0 step: 136	loss:	0.1898842602968216	mean_loss: 9.182727080769837e-05
Epoch: 0 step: 137	loss:	0.18912547826766968	mean_loss: 7.089445716701448e-05
Epoch: 0 step: 138	loss:	0.7050004005432129	mean_loss: 0.00047415687004104257
Epoch: 0 step: 139	loss:	0.18714286386966705	mean_loss: 0.00987457949668169
Epoch: 0 step: 140	loss:	0.30554407835006714	mean_loss: 0.0010990197770297527
Epoch: 0 step: 141	loss:	0.18595245480537415	mean_loss: 0.0006053445977158844
Epoch: 0 step: 142	loss:	0.41797441244125366	mean_loss: 0.00022158800857141614
Epoch: 0 step: 143	loss:	0.35295790433883667	mean_loss: 0.00013817663420923054

Epoch: 0 step: 144	loss:	0.36762672662734985	mean_loss: 0.0002848682343028486
Epoch: 0 step: 145	loss:	0.44847506284713745	mean_loss: 0.0001986542483791709
Epoch: 0 step: 146	loss:	0.18220408260822296	mean_loss: 9.764599963091314e-05
Epoch: 0 step: 147	loss:	0.34381991624832153	mean_loss: 0.00043043497134931386
Epoch: 0 step: 148	loss:	0.18078704178333282	mean_loss: 0.00010012015263782814
Epoch: 0 step: 149	loss:	0.42526543140411377	mean_loss: 0.00021847228344995528
Epoch: 0 step: 150	loss:	0.2124122828245163	mean_loss: 0.00034020919702015817
Epoch: 0 step: 151	loss:	0.7012479901313782	mean_loss: 0.0007972593302838504
Epoch: 0 step: 152	loss:	0.25969183444976807	mean_loss: 0.00010088656563311815
Epoch: 0 step: 153	loss:	0.1838555783033371	mean_loss: 0.00017289140669163316
Epoch: 0 step: 154	loss:	0.935328483581543	mean_loss: 0.00044505298137664795
Epoch: 0 step: 155	loss:	0.20068268477916718	mean_loss: 0.00019913636788260192
Epoch: 0 step: 156	loss:	0.37547188997268677	mean_loss: 0.000840427353978157
Epoch: 0 step: 157	loss:	0.17477065324783325	mean_loss: 0.00017756428860593587
Epoch: 0 step: 158	loss:	0.1740722954273224	mean_loss: 0.00010683621076168492
Epoch: 0 step: 159	loss:	0.6500164270401001	mean_loss: 0.00041199190309271216
Epoch: 0 step: 160	loss:	0.7104885578155518	mean_loss: 0.05924171209335327
Epoch: 0 step: 161	loss:	0.6028591394424438	mean_loss: 0.0002784276148304343
Epoch: 0 step: 162	loss:	0.28792738914489746	mean_loss: 0.000448220525868237
Epoch: 0 step: 163	loss:	0.28885364532470703	mean_loss: 0.00013691523054149002
Epoch: 0 step: 164	loss:	0.19524477422237396	mean_loss: 0.00010288661724189296
Epoch: 0 step: 165	loss:	0.5400817394256592	mean_loss: 0.0007440559566020966
Epoch: 0 step: 166	loss:	0.16768138110637665	mean_loss: 6.843780283816159e-05
Epoch: 0 step: 167	loss:	0.5462915301322937	mean_loss: 0.00048436166252940893

Epoch: 0 step: 168	loss: 0.16605032980442047	mean_loss: 0.0002470840991009027
Epoch: 0 step: 169	loss: 0.527753472328186	mean_loss: 0.0010232568020001054
Epoch: 0 step: 170	loss: 0.29971519112586975	mean_loss: 0.00016578746726736426
Epoch: 0 step: 171	loss: 0.2501770257949829	mean_loss: 0.0002205663622589782
Epoch: 0 step: 172	loss: 0.3325285315513611	mean_loss: 0.0019345878390595317
Epoch: 0 step: 173	loss: 0.6112871170043945	mean_loss: 0.0003147955285385251
Epoch: 0 step: 174	loss: 0.38496512174606323	-
Epoch: 0 step: 175	loss: 0.4215765595436096	mean_loss: 0.00016467564273625612
Epoch: 0 step: 176 Epoch: 0	loss: 0.3663922846317291 loss: 0.2846001088619232	mean_loss: 0.0009827264584600925
step: 177 Epoch: 0	loss: 0.21317456662654877	mean_loss: 0.0001443795918021351 mean_loss: 0.00011364887905074283
step: 178 Epoch: 0	loss: 0.591041088104248	mean_loss: 0.0003030009102076292
step: 179 Epoch: 0	loss: 0.26700538396835327	_
step: 180 Epoch: 0	loss: 0.3115517497062683	mean_loss: 0.011148744262754917
step: 181 Epoch: 0	loss: 0.4777381122112274	mean_loss: 0.0002095528761856258
step: 182 Epoch: 0	loss: 0.4662497043609619	mean_loss: 0.0009799563558772206
step: 183 Epoch: 0	loss: 0.3446652293205261	mean_loss: 0.0006284458213485777
step: 184 Epoch: 0	loss: 0.4195387065410614	mean_loss: 0.0025777125265449286
step: 185 Epoch: 0 step: 186	loss: 0.343735933303833	mean_loss: 0.00034875492565333843
Epoch: 0 step: 187	loss: 0.44560450315475464	mean_loss: 0.07432553917169571
Epoch: 0 step: 188	loss: 0.3735032379627228	mean_loss: 0.00027306631091050804
Epoch: 0 step: 189	loss: 0.3519965410232544	mean_loss: 0.0008192316745407879
Epoch: 0 step: 190	loss: 0.42056411504745483	mean_loss: 0.00019608346337918192
Epoch: 0 step: 191	loss: 0.2871922254562378	mean_loss: 0.00010538624337641522

Epoch: 0 step: 192	loss:	0.4386606812477112	mean_loss: 0.00021807457960676402
Epoch: 0 step: 193	loss:	0.3777735233306885	mean_loss: 0.0002014880592469126
Epoch: 0 step: 194	loss:	0.35084831714630127	mean_loss: 0.00021071417722851038
Epoch: 0 step: 195	loss:	0.3343953490257263	mean_loss: 0.0003582506033126265
Epoch: 0 step: 196	loss:	0.34312763810157776	mean_loss: 0.0004261611611582339
Epoch: 0 step: 197	loss:	0.43613797426223755	mean_loss: 0.00044276283006183803
Epoch: 0 step: 198	loss:	0.3750067353248596	mean_loss: 0.0006610026466660202
Epoch: 0 step: 199	loss:	0.36568254232406616	mean_loss: 0.0003398363187443465
Epoch: 0 step: 200	loss:	0.2878749668598175	mean_loss: 0.00011570245260372758
Epoch: 0 step: 201	loss:	0.27669385075569153	mean_loss: 0.00010161877435166389
Epoch: 0 step: 202	loss:	0.30171966552734375	mean_loss: 0.0001662927243160084
Epoch: 0 step: 203	loss:	0.32531261444091797	mean_loss: 0.0002932242350652814
Epoch: 0 step: 204	loss:	0.35408589243888855	mean_loss: 0.0002447369624860585
Epoch: 0 step: 205		0.17503835260868073	mean_loss: 0.0002288290997967124
Epoch: 0 step: 206		0.3526337742805481	mean_loss: 0.00015752794570289552
Epoch: 0 step: 207	loss:	0.24417248368263245	mean_loss: 0.00012699064973276109
Epoch: 0 step: 208	loss:	0.8893357515335083	mean_loss: 0.00042274847510270774
Epoch: 0 step: 209		0.29454505443573	mean_loss: 0.0005432188045233488
Epoch: 0 step: 210		0.5501765608787537	mean_loss: 0.00715220533311367
Epoch: 0 step: 211	loss:	0.1636773645877838	mean_loss: 0.00010551547893555835
Epoch: 0 step: 212	loss:	0.6296489238739014	mean_loss: 0.0005592845845967531
Epoch: 0 step: 213		0.49340465664863586	mean_loss: 0.003478619270026684
Epoch: 0 step: 214	loss:	0.2789559066295624	mean_loss: 0.00015391527267638594
Epoch: 0 step: 215	loss:	0.3108453154563904	mean_loss: 0.00013791541277896613

Epoch: 0	loss: 0.3268488645553589	mean_loss: 0.0007139449589885771
step: 216		
Epoch: 0	loss: 0.3349015712738037	mean_loss: 0.0002591625670902431
step: 217		
Epoch: 0	loss: 0.23509162664413452	mean_loss: 0.00014718623424414545
step: 218		
Epoch: 0	loss: 0.29396459460258484	mean_loss: 0.00011960625852225348
step: 219		
Epoch: 0	loss: 0.3287909924983978	mean_loss: 0.0015588179230690002
step: 220		_
Epoch: 0	loss: 0.3020591735839844	mean_loss: 0.0011953463545069098
step: 221		_
Epoch: 0	loss: 0.28893572092056274	mean_loss: 0.00010989813017658889
step: 222		_
Epoch: 0	loss: 0.289656400680542	mean_loss: 0.00021527957869693637
step: 223		
Epoch: 0	loss: 0.3332948684692383	mean_loss: 0.00014412711607292295
step: 224		
Epoch: 0	loss: 0.24287015199661255	mean_loss: 0.0001964545517694205
step: 225		
Epoch: 0	loss: 0.2496553659439087	mean_loss: 9.89904219750315e-05
step: 226		
Epoch: 0	loss: 0.1321055293083191	mean_loss: 0.0002552210644353181
step: 227		
Epoch: 0	loss: 0.13157764077186584	mean_loss: 4.932019146508537e-05
step: 228		
Epoch: 0	loss: 0.13105185329914093	mean_loss: 0.00022145468392409384
step: 229	1022. 0.10100100020011000	moun_1000. 0.00022110100002100001
Epoch: 0	loss: 0.20600077509880066	mean_loss: 0.0001787021174095571
step: 230	1022. 0.20000000000000	moun_1000. 0.0001/0/0211/10000/1
Epoch: 0	loss: 0.4203639030456543	mean_loss: 0.00016916435561142862
step: 231	1022. 0.12000000000100010	mean_1000. 0.00010010100001112002
Epoch: 0	loss: 0.6143816113471985	mean_loss: 0.00023094730568118393
step: 232		
Epoch: 0	loss: 0.3134359121322632	mean_loss: 0.00011087552411481738
step: 233	1022. 0.0101000121022002	mean_1000. 0.0001100/000111101/00
Epoch: 0	loss: 0.3431245982646942	mean_loss: 0.00012404606968630105
step: 234	1055. 0.0101210002010012	mean_1022. 0.00012101000000000100
Epoch: 0	loss: 0.1769925355911255	mean_loss: 0.00023805993259884417
step: 235	1055. 0.110002000011200	mean_1055. 0.0002000000000001117
Epoch: 0	loss: 0.35015249252319336	mean_loss: 0.000134506932226941
step: 236		
Epoch: 0	loss: 0.3772035837173462	mean_loss: 0.0002558224368840456
step: 237		
Epoch: 0	loss: 0.12645603716373444	mean_loss: 5.629136285278946e-05
step: 238		
Epoch: 0	loss: 0.3995130658149719	mean_loss: 0.003995693754404783
step: 239	1028. 0.000010000110/13	msam_1000. 0.000000000000101101100
500p. 200		

Epoch: 0 step: 240	loss: 0.48225274682044983	mean_loss: 0.0031370867509394884
Epoch: 0 step: 241	loss: 0.3346100449562073	mean_loss: 0.0002833449107129127
Epoch: 0 step: 242	loss: 0.12398490309715271	mean_loss: 4.958828867529519e-05
Epoch: 0 step: 243	loss: 0.12348946928977966	mean_loss: 7.692344661336392e-05
Epoch: 0 step: 244	loss: 0.1229960024356842	mean_loss: 7.834049756638706e-05
Epoch: 0 step: 245	loss: 0.20563901960849762	mean_loss: 0.00015170896949712187
Epoch: 0 step: 246	loss: 0.32530927658081055	mean_loss: 0.00014820627984590828
Epoch: 0 step: 247	loss: 0.4345608949661255	mean_loss: 0.00015575389261357486
Epoch: 0 step: 248	loss: 0.4181705713272095	mean_loss: 0.00024194696743506938
Epoch: 0 step: 249	loss: 0.13321536779403687	mean_loss: 0.00017066152940969914
Epoch: 0 step: 250	loss: 0.28633949160575867	mean_loss: 0.0005026493454352021
Epoch: 0 step: 251 Epoch: 0	loss: 0.5384729504585266 loss: 0.21172873675823212	mean_loss: 0.007699651177972555 mean_loss: 0.00013536606275010854
step: 252 Epoch: 0	loss: 0.11887327581644058	mean_loss: 4.21269542130176e-05
step: 253 Epoch: 0	loss: 0.3261803090572357	mean_loss: 0.0017633646493777633
step: 254 Epoch: 0	loss: 0.31568777561187744	mean_loss: 0.0001210721384268254
step: 255 Epoch: 0	loss: 0.5060817003250122	mean_loss: 0.007129616104066372
step: 256 Epoch: 0	loss: 0.34977486729621887	mean_loss: 0.00013596360804513097
step: 257 Epoch: 0	loss: 0.21836262941360474	mean_loss: 0.00019936003081966192
step: 258 Epoch: 0	loss: 0.25908559560775757	mean_loss: 0.00016891527047846466
step: 259 Epoch: 0	loss: 0.22862887382507324	mean_loss: 0.0005635413690470159
step: 260 Epoch: 0	loss: 0.11515931040048599	mean_loss: 4.159699892625213e-05
step: 261 Epoch: 0	loss: 0.11469913274049759	mean_loss: 4.133311449550092e-05
step: 262 Epoch: 0 step: 263	loss: 0.3240199089050293	mean_loss: 0.00013200051034800708

Epoch: 0 step: 264	loss: 0.13531430065631866	mean_loss: 0.000152701570186764
Epoch: 0 step: 265	loss: 0.11354976147413254	mean_loss: 6.527121877297759e-05
Epoch: 0 step: 266	loss: 0.5387074947357178	mean_loss: 0.001966323936358094
Epoch: 0 step: 267	loss: 0.5129172205924988	mean_loss: 0.00024127625511027873
Epoch: 0 step: 268	loss: 0.1392349898815155	mean_loss: 7.924788224045187e-05
Epoch: 0 step: 269	loss: 0.4797065258026123	mean_loss: 0.0008613748359493911
Epoch: 0 step: 270	loss: 0.2273906171321869	mean_loss: 0.00021331962489057332
Epoch: 0 step: 271	loss: 0.472343385219574	mean_loss: 0.00023675186093896627
Epoch: 0 step: 272	loss: 0.30340075492858887	mean_loss: 0.0002326724206795916
Epoch: 0 step: 273	loss: 0.2642192244529724	mean_loss: 0.00010776360431918874
Epoch: 0 step: 274 Epoch: 0	loss: 0.3473759889602661 loss: 0.256329208612442	mean_loss: 0.0006128461100161076 mean_loss: 0.00037509790854528546
step: 275 Epoch: 0	loss: 0.2827155590057373	mean_loss: 0.018872709944844246
step: 276 Epoch: 0	loss: 0.11808861047029495	mean_loss: 4.8056605010060593e-05
step: 277 Epoch: 0	loss: 0.10767871886491776	mean_loss: 0.00013121409574523568
step: 278 Epoch: 0	loss: 0.5487842559814453	mean_loss: 0.00027432056958787143
step: 279 Epoch: 0	loss: 0.19916142523288727	mean_loss: 7.706172618782148e-05
step: 280 Epoch: 0	loss: 0.28957900404930115	mean_loss: 0.0002986144972965121
step: 281 Epoch: 0	loss: 0.49800074100494385	mean_loss: 0.003534038085490465
step: 282 Epoch: 0	loss: 0.3699686825275421	mean_loss: 0.0002814639883581549
step: 283 Epoch: 0	loss: 0.30263471603393555	mean_loss: 0.0009997233282774687
step: 284 Epoch: 0 step: 285	loss: 0.3892877697944641	mean_loss: 0.0002559262211434543
Epoch: 0 step: 286	loss: 0.19238829612731934	mean_loss: 0.00015560923202428967
Epoch: 0 step: 287	loss: 0.4124656319618225	mean_loss: 0.00032160658156499267

Epoch: 0 step: 288	loss: 0.2981627583503723	mean_loss: 0.0005674607236869633
Epoch: 0 step: 289	loss: 0.30673298239707947	mean_loss: 0.00013407523510977626
Epoch: 0 step: 290	loss: 0.2981013059616089	mean_loss: 0.0002106182073475793
Epoch: 0 step: 291	loss: 0.32742494344711304	mean_loss: 0.00013691415369976312
Epoch: 0 step: 292	loss: 0.1687692105770111	mean_loss: 6.534085696330294e-05
Epoch: 0 step: 293	loss: 0.2504723072052002	mean_loss: 0.00016713651712052524
Epoch: 0 step: 294	loss: 0.17948347330093384	mean_loss: 0.0001318052818533033
Epoch: 0 step: 295	loss: 0.20315758883953094	mean_loss: 0.00019679515389725566
Epoch: 0 step: 296	loss: 0.31606292724609375	mean_loss: 0.0004988323780708015
Epoch: 0 step: 297	loss: 0.501699686050415	mean_loss: 0.0005680978647433221
Epoch: 0 step: 298	loss: 0.1516255885362625	mean_loss: 6.560072506545112e-05
Epoch: 0 step: 299 Epoch: 0	loss: 0.24019621312618256 loss: 0.5148374438285828	mean_loss: 0.00047482570516876876 mean_loss: 0.00026631125365383923
step: 300 Epoch: 0	loss: 0.10104288160800934	mean_loss: 6.452814704971388e-05
step: 301 Epoch: 0	loss: 0.2980046570301056	mean_loss: 0.0007906344253569841
step: 302 Epoch: 0	loss: 0.3001059293746948	mean loss: 0.0005592872621491551
step: 303 Epoch: 0	loss: 0.0972403883934021	mean_loss: 6.515634595416486e-05
step: 304 Epoch: 0	loss: 0.258082777261734	mean_loss: 0.00021602337074000388
step: 305 Epoch: 0	loss: 0.22624394297599792	mean_loss: 0.00030154455453157425
step: 306 Epoch: 0	loss: 0.3633144795894623	mean_loss: 0.0004090168804395944
step: 307 Epoch: 0	loss: 0.4020739793777466	mean_loss: 0.0003179170598741621
step: 308 Epoch: 0	loss: 0.1303938776254654	mean_loss: 5.270636756904423e-05
step: 309 Epoch: 0	loss: 0.18690921366214752	mean_loss: 0.0006583165959455073
step: 310 Epoch: 0 step: 311	loss: 0.24196931719779968	mean_loss: 9.628080442780629e-05

Epoch: 0 step: 312	loss: 0.09453099966049194	mean_loss: 0.00014359223132487386
Epoch: 0 step: 313	loss: 0.2283289134502411	mean_loss: 0.00022824425832368433
Epoch: 0 step: 314	loss: 0.2305188924074173	mean_loss: 0.00019374235125724226
Epoch: 0 step: 315	loss: 0.09359300136566162	mean_loss: 3.64645202353131e-05
Epoch: 0 step: 316	loss: 0.44233474135398865	mean_loss: 0.0001563149126013741
Epoch: 0 step: 317	loss: 0.4408654570579529	mean_loss: 0.000333349802531302
Epoch: 0 step: 318	loss: 0.26331090927124023	mean_loss: 0.00046580255730077624
Epoch: 0 step: 319	loss: 0.1326311230659485	mean_loss: 0.00011184615141246468
Epoch: 0 step: 320	loss: 0.2289411723613739	mean_loss: 0.00010435216972837225
Epoch: 0 step: 321 Epoch: 0	loss: 0.09134619683027267 loss: 0.1623626947402954	mean_loss: 3.543221464497037e-05 mean_loss: 9.118367597693577e-05
step: 322 Epoch: 0	loss: 0.47833555936813354	mean_loss: 0.00024175176804419607
step: 323 Epoch: 0	loss: 0.5325955152511597	mean_loss: 0.0002491057966835797
step: 324 Epoch: 0	loss: 0.1335916519165039	mean_loss: 0.00010828539961948991
step: 325 Epoch: 0	loss: 0.08942671865224838	mean_loss: 9.24948399187997e-05
step: 326 Epoch: 0	loss: 0.16762425005435944	mean_loss: 0.0002906702575273812
step: 327 Epoch: 0	loss: 0.16210362315177917	mean_loss: 7.799918239470571e-05
step: 328 Epoch: 0	loss: 0.2682938277721405	mean_loss: 0.00026106208679266274
step: 329 Epoch: 0	loss: 0.11919344961643219	mean_loss: 4.576801075018011e-05
step: 330 Epoch: 0 step: 331	loss: 0.08852880448102951	mean_loss: 5.699779649148695e-05
Epoch: 0 step: 332	loss: 0.08817503601312637	mean_loss: 7.24996134522371e-05
Epoch: 0 step: 333	loss: 0.38228464126586914	mean_loss: 0.00014924166316632181
Epoch: 0 step: 334	loss: 0.48116302490234375	mean_loss: 0.0011654050322249532
Epoch: 0 step: 335	loss: 0.25730380415916443	mean_loss: 0.00011807639384642243

Epoch: 0 step: 336	loss: 0.41371965408325195	mean_loss: 0.0006059117731638253
Epoch: 0 step: 337	loss: 0.12030259519815445	mean_loss: 5.798969141324051e-05
Epoch: 0 step: 338	loss: 0.08610013127326965	mean_loss: 7.039061893010512e-05
Epoch: 0 step: 339	loss: 0.08575607091188431	mean_loss: 6.694732292089611e-05
Epoch: 0 step: 340	loss: 0.0854133889079094	mean_loss: 6.456219125539064e-05
Epoch: 0 step: 341	loss: 0.15670710802078247	_
Epoch: 0 step: 342	loss: 0.08498891443014145	_
Epoch: 0 step: 343	loss: 0.47086066007614136	_
Epoch: 0 step: 344 Epoch: 0	loss: 0.1336570680141449 loss: 0.12222318351268768	mean_loss: 0.0004224239382892847 mean_loss: 5.1880546379834414e-05
step: 345 Epoch: 0	loss: 0.4815022349357605	mean_loss: 0.0007465955568477511
step: 346 Epoch: 0	loss: 0.5362992286682129	mean_loss: 0.00021690057474188507
step: 347 Epoch: 0	loss: 0.41323575377464294	_
step: 348 Epoch: 0	loss: 0.29303500056266785	mean_loss: 0.00029616442043334246
step: 349 Epoch: 0	loss: 0.36932572722435	mean_loss: 0.0002267618983751163
step: 350 Epoch: 0	loss: 0.3640182316303253	mean_loss: 0.00018679231288842857
step: 351 Epoch: 0	loss: 0.13042747974395752	mean_loss: 9.178795880870894e-05
step: 352 Epoch: 0	loss: 0.32740306854248047	mean_loss: 0.00016881177725736052
step: 353 Epoch: 0 step: 354	loss: 0.08049031347036362	mean_loss: 8.526335295755416e-05
Epoch: 0 step: 355	loss: 0.23783713579177856	mean_loss: 0.0003058128640986979
Epoch: 0 step: 356	loss: 0.07995640486478806	mean_loss: 0.00010491793364053592
Epoch: 0 step: 357	loss: 0.10028820484876633	mean_loss: 0.0003732086333911866
Epoch: 0 step: 358	loss: 0.2543317377567291	mean_loss: 0.00021172480774112046
Epoch: 0 step: 359	loss: 0.07924775779247284	mean_loss: 9.41463076742366e-05

Epoch: 0 step: 360	loss:	0.176143079996109	mean_loss: 0.00022002150944899768
Epoch: 0 step: 361	loss:	0.07883982360363007	mean_loss: 0.0008687895024195313
Epoch: 0 step: 362	loss:	0.1438402533531189	mean_loss: 0.001929453806951642
Epoch: 0 step: 363	loss:	0.07849746197462082	mean_loss: 4.366282155388035e-05
Epoch: 0 step: 364	loss:	0.07818379253149033	mean_loss: 3.420526991249062e-05
Epoch: 0 step: 365	loss:	0.24955278635025024	mean_loss: 0.00015531237295363098
Epoch: 0 step: 366	loss:	0.29454129934310913	mean_loss: 0.00012132425035815686
Epoch: 0 step: 367	loss:	0.07733099162578583	mean_loss: 3.339901377330534e-05
Epoch: 0 step: 368	loss:	0.07702197134494781	mean_loss: 4.5730190322501585e-05
Epoch: 0 step: 369	loss:	0.07698768377304077	mean_loss: 0.00014134572120383382
Epoch: 0 step: 370	loss:	0.07668336480855942	mean_loss: 3.194374585291371e-05
Epoch: 0 step: 371	loss:	0.9384279251098633	mean_loss: 0.0005329130217432976
Epoch: 0 step: 372	loss:	0.07613774389028549	mean_loss: 3.784336513490416e-05
Epoch: 0 step: 373	loss:	0.22223439812660217	mean_loss: 0.00010943980305455625
Epoch: 0 step: 374	loss:	0.07565895467996597	mean_loss: 3.171552816638723e-05
Epoch: 0 step: 375	loss:	0.0753566175699234	mean_loss: 5.18132874276489e-05
Epoch: 0 step: 376	loss:	0.07505549490451813	mean_loss: 0.00021459230629261583
Epoch: 0 step: 377	loss:	0.4057592451572418	mean_loss: 0.00019068758410867304
Epoch: 0 step: 378	loss:	0.07395440340042114	mean_loss: 9.314710041508079e-05
Epoch: 0 step: 379	loss:	0.0820489376783371	mean_loss: 0.00020281996694393456
Epoch: 0 step: 380	loss:	0.1799493134021759	mean_loss: 0.0002243488561362028
Epoch: 0 step: 381	loss:	0.07368995249271393	mean_loss: 3.1043386115925387e-05
Epoch: 0 step: 382	loss:	0.2746005654335022	mean_loss: 9.829334885580465e-05
Epoch: 0 step: 383	loss:	0.07309957593679428	mean_loss: 4.1875213355524465e-05

Epoch: 0 step: 384	loss: 0.07280746102333069	mean_loss: 3.0165356292854995e-05
Epoch: 0 step: 385	loss: 0.23932206630706787	mean_loss: 0.00017470965394750237
Epoch: 0 step: 386	loss: 0.0722789466381073	mean_loss: 4.1354825953021646e-05
Epoch: 0 step: 387	loss: 0.07199011743068695	mean_loss: 6.88637446728535e-05
Epoch: 0 step: 388	loss: 0.4579685628414154	mean_loss: 0.0002485281729605049
Epoch: 0 step: 389	loss: 0.4023493528366089	mean_loss: 0.00040997748146764934
Epoch: 0 step: 390	loss: 0.07056514918804169	mean_loss: 3.496311546768993e-05
Epoch: 0 step: 391	loss: 0.07028316706418991	mean_loss: 2.72868182946695e-05
Epoch: 0 step: 392	loss: 0.2642093300819397	mean_loss: 0.00018439401173964143
Epoch: 0 step: 393	loss: 0.3618793487548828	mean_loss: 0.00013766682241111994
Epoch: 0 step: 394	loss: 0.3113199472427368	mean_loss: 0.0003743480774573982
Epoch: 0 step: 395	loss: 0.4464891850948334	mean_loss: 0.00022683427960146219
Epoch: 0 step: 396 Epoch: 0	loss: 0.06828312575817108 loss: 0.06801027059555054	mean_loss: 8.979025005828589e-05 mean_loss: 3.5635821404866874e-05
step: 397 Epoch: 0	loss: 0.19406133890151978	mean_loss: 6.944435153855011e-05
step: 398 Epoch: 0	loss: 0.06750284880399704	mean_loss: 2.3544353098259307e-05
step: 399 Epoch: 0	loss: 0.0672331154346466	mean_loss: 7.940573414089158e-05
step: 400 Epoch: 0	loss: 0.5618428587913513	mean_loss: 0.000647375884000212
step: 401 Epoch: 0	loss: 0.3631935119628906	mean_loss: 0.0005160863511264324
step: 402 Epoch: 0	loss: 0.15851260721683502	mean_loss: 6.576869054697454e-05
step: 403 Epoch: 0	loss: 0.18915429711341858	mean_loss: 0.0007249811314977705
step: 404 Epoch: 0	loss: 0.2577577829360962	mean_loss: 0.00020115388906560838
step: 405 Epoch: 0	loss: 0.35330304503440857	mean_loss: 0.0001393394632032141
step: 406 Epoch: 0	loss: 0.19131223857402802	mean_loss: 0.00041261117439717054
step: 407		

Epoch: 0 step: 408	loss:	0.48832225799560547	mean_loss: 0.0005832158494740725
Epoch: 0 step: 409	loss:	0.23449194431304932	mean_loss: 0.0004969876608811319
Epoch: 0 step: 410	loss:	0.12406741082668304	mean_loss: 0.00025266612647101283
Epoch: 0 step: 411	loss:	0.3079856038093567	mean_loss: 0.00015435066598001868
Epoch: 0 step: 412	loss:	0.1250104308128357	mean_loss: 0.00032765648211352527
Epoch: 0 step: 413	loss:	0.23440255224704742	mean_loss: 0.00019495864398777485
Epoch: 0 step: 414	loss:	0.12071632593870163	mean_loss: 5.510997652891092e-05
Epoch: 0 step: 415	loss:	0.4389236867427826	mean_loss: 0.00020824420789722353
Epoch: 0 step: 416	loss:	0.4928460419178009	mean_loss: 0.0008471723413094878
Epoch: 0 step: 417	loss:	0.06287982314825058	mean_loss: 3.515002754284069e-05
Epoch: 0 step: 418	loss:	0.10133866965770721	mean_loss: 4.7106794227147475e-05
Epoch: 0 step: 419	loss:	0.21200153231620789	mean_loss: 0.0004240972630213946
Epoch: 0 step: 420	loss:	0.06261423975229263	mean_loss: 4.311787415645085e-05
Epoch: 0 step: 421	loss:	0.2900254726409912	mean_loss: 0.00010775207920232788
Epoch: 0 step: 422	loss:	0.06192200630903244	mean_loss: 2.6095816792803816e-05
Epoch: 0 step: 423	loss:	0.061674565076828	mean_loss: 2.3740154574625194e-05
Epoch: 0 step: 424	loss:	0.08002272248268127	mean_loss: 0.0001530525041744113
Epoch: 0 step: 425	loss:	0.3855692744255066	mean_loss: 0.00014333792205434293
Epoch: 0 step: 426	loss:	0.19993622601032257	mean_loss: 6.995788862695917e-05
Epoch: 0 step: 427	loss:	0.060986850410699844	mean_loss: 3.150506017846055e-05
Epoch: 0 step: 428	loss:	0.32559841871261597	mean_loss: 0.00012592031271196902
Epoch: 0 step: 429	loss:	0.06028556823730469	mean_loss: 3.3102183806477115e-05
Epoch: 0 step: 430	loss:	0.3990579843521118	mean_loss: 0.002752352273091674
Epoch: 0 step: 431	loss:	0.3258723020553589	mean_loss: 0.0002789683057926595

Epoch: 0 step: 432	loss:	0.4841615855693817	mean_loss: 0.00021071794617455453
Epoch: 0 step: 433	loss:	0.1539396345615387	mean_loss: 0.000132317902171053
Epoch: 0 step: 434	loss:	0.28748199343681335	mean_loss: 0.00011504572466947138
Epoch: 0 step: 435	loss:	0.07661333680152893	mean_loss: 0.00040597026236355305
Epoch: 0 step: 436	loss:	0.13116991519927979	mean_loss: 0.0001260305434698239
Epoch: 0 step: 437	loss:	0.5485959649085999	mean_loss: 0.0003153574652969837
Epoch: 0 step: 438	loss:	0.05832430347800255	mean_loss: 3.419222048250958e-05
Epoch: 0 step: 439	loss:	0.09394167363643646	mean_loss: 0.0002259035245515406
Epoch: 0 step: 440	loss:	0.24395215511322021	mean_loss: 0.0004530205042101443
Epoch: 0 step: 441	loss:	0.2227158397436142	mean_loss: 0.00010089008719660342
Epoch: 0 step: 442	loss:	0.17683565616607666	mean_loss: 8.29908749437891e-05
Epoch: 0 step: 443	loss:	0.058145374059677124	mean_loss: 5.3031297284178436e-05
Epoch: 0 step: 444	loss:	0.2504950761795044	mean_loss: 0.000103191145171877
Epoch: 0 step: 445	loss:	0.15386830270290375	mean_loss: 7.981933595146984e-05
Epoch: 0 step: 446	loss:	0.2790710926055908	mean_loss: 0.000448795675765723
Epoch: 0 step: 447	loss:	0.057194650173187256	mean_loss: 5.4690179240424186e-05
Epoch: 0 step: 448	loss:	0.05696609988808632	mean_loss: 7.789725350448862e-05
Epoch: 0 step: 449	loss:	0.25673845410346985	mean_loss: 9.466139454161748e-05
Epoch: 0 step: 450	loss:	0.17663739621639252	mean_loss: 0.0021818773820996284
Epoch: 0 step: 451	loss:	0.12638558447360992	mean_loss: 6.283844413701445e-05
Epoch: 0 step: 452	loss:	0.056374747306108475	mean_loss: 2.9735292628174648e-05
Epoch: 0 step: 453	loss:	0.44835537672042847	mean_loss: 0.00017885325360111892
Epoch: 0 step: 454	loss:	0.05548625811934471	mean_loss: 3.007299528690055e-05
Epoch: 0 step: 455	loss:	0.5265333652496338	mean_loss: 0.00020275836868677288

Epoch: 0 step: 456	loss:	0.24951434135437012	mean_loss: 0.00011309651017654687
Epoch: 0 step: 457	loss:	0.05820387229323387	mean_loss: 0.00019971565052401274
Epoch: 0 step: 458	loss:	0.054785389453172684	mean_loss: 3.944412310374901e-05
Epoch: 0 step: 459	loss:	0.19927576184272766	mean_loss: 7.390256359940395e-05
Epoch: 0 step: 460	loss:	0.0544293075799942	mean_loss: 2.7779413358075544e-05
Epoch: 0 step: 461	loss:	0.0542118065059185	mean_loss: 4.584918497130275e-05
Epoch: 0 step: 462	loss:	0.053995173424482346	mean_loss: 5.792178490082733e-05
Epoch: 0 step: 463	loss:	0.2317795753479004	mean_loss: 0.00020736806618515402
Epoch: 0 step: 464	loss:	0.05355272814631462	mean_loss: 0.0033600060269236565
Epoch: 0 step: 465	loss:	0.053338732570409775	mean_loss: 0.0001597147638676688
Epoch: 0 step: 466	loss:	0.053125590085983276	mean_loss: 2.186512210755609e-05
Epoch: 0 step: 467	loss:	0.05423284322023392	mean_loss: 4.176651782472618e-05
Epoch: 0 step: 468	loss:	0.11657671630382538	mean_loss: 6.0549577028723434e-05
Epoch: 0 step: 469	loss:	0.05270358547568321	mean_loss: 3.606571044656448e-05
Epoch: 0 step: 470	loss:	0.052492979913949966	mean_loss: 2.426283754175529e-05
Epoch: 0 step: 471	loss:	0.7024136781692505	mean_loss: 0.0002669851528480649
Epoch: 0 step: 472	loss:	0.05186835303902626	mean_loss: 0.0001560938253533095
Epoch: 0 step: 473	loss:	0.05166108161211014	mean_loss: 9.220137872034684e-05
Epoch: 0 step: 474	loss:	0.19350431859493256	mean_loss: 7.327650382649153e-05
Epoch: 0 step: 475	loss:	0.051286764442920685	mean_loss: 1.8662805814528838e-05
Epoch: 0 step: 476	loss:	0.5248271822929382	mean_loss: 0.00022410154633689672
Epoch: 0 step: 477	loss:	0.050703275948762894	mean_loss: 2.7662888896884397e-05
Epoch: 0 step: 478	loss:	0.050500668585300446	mean_loss: 0.00018373939383309335
Epoch: 0 step: 479	loss:	0.050298869609832764	mean_loss: 1.934940883074887e-05

Epoch: 0	loss:	0.12741848826408386	mean_loss: 5.0192142225569114e-05
step: 480			
Epoch: 0	loss:	0.14556904137134552	mean_loss: 7.208872557384893e-05
step: 481			
Epoch: 0	loss:	0.6045575737953186	mean_loss: 0.00039725995156913996
step: 482			
Epoch: 0	loss:	0.2801918089389801	mean_loss: 0.00012771465117111802
step: 483			
Epoch: 0	loss:	0.04931618645787239	mean_loss: 2.463572491251398e-05
step: 484			
Epoch: 0	loss:	0.049119118601083755	mean_loss: 0.00014937311061657965
step: 485			_
Epoch: 0	loss:	0.22017519176006317	mean_loss: 0.0006461130687966943
step: 486			
Epoch: 0	loss:	0.04879222810268402	mean_loss: 4.2952513467753306e-05
step: 487			
Epoch: 0	loss:	0.28447142243385315	mean_loss: 0.00012210916611365974
step: 488			
Epoch: 0	loss:	0.04867254197597504	mean_loss: 8.284320938400924e-05
step: 489			
Epoch: 0	loss:	0.04847804456949234	mean_loss: 4.900190469925292e-05
step: 490			
Epoch: 0	loss:	0.4259670674800873	mean_loss: 0.00031486773514188826
step: 491			
Epoch: 0	loss:	0.04815230891108513	mean_loss: 2.8678803573711775e-05
step: 492			
Epoch: 0	loss:	0.20971696078777313	mean_loss: 0.00010684954031603411
step: 493			
Epoch: 0	loss:	0.22370919585227966	mean_loss: 0.0004549106815829873
step: 494			
Epoch: 0	loss:	0.4820673167705536	mean_loss: 0.028383659198880196
step: 495			
Epoch: 0	loss:	0.42796918749809265	mean_loss: 0.004430610220879316
step: 496			
Epoch: 0	loss:	0.3689136505126953	mean_loss: 0.0004356409190222621
step: 497			
Epoch: 0	loss:	0.5108144283294678	mean_loss: 0.0002466232981532812
step: 498			
Epoch: 0	loss:	0.21647614240646362	mean_loss: 0.0003303700650576502
step: 499			
Epoch: 0	loss:	0.17577670514583588	mean_loss: 0.0004048438568133861
step: 500			
Epoch: 0	loss:	0.23892802000045776	mean_loss: 0.0005837387288920581
step: 501			
Epoch: 0	loss:	0.06448297202587128	mean_loss: 7.829928654246032e-05
step: 502			
Epoch: 0	loss:	0.045358218252658844	mean_loss: 3.40348451572936e-05
step: 503			

Epoch: 0 step: 504	loss: 0.11086389422416687	mean_loss: 7.72807834437117e-05
Epoch: 0 step: 505	loss: 0.29777854681015015	mean_loss: 0.00011482491390779614
Epoch: 0 step: 506	loss: 0.04512258246541023	mean_loss: 3.8434500311268494e-05
Epoch: 0 step: 507	loss: 0.2498515397310257	mean_loss: 0.00018442064174450934
Epoch: 0 step: 508	loss: 0.17651589214801788	mean_loss: 7.991872553247958e-05
Epoch: 0 step: 509	loss: 0.04478272423148155	mean_loss: 1.773928124748636e-05
Epoch: 0 step: 510	loss: 0.32117152214050293	mean_loss: 0.00012287270510569215
Epoch: 0 step: 511	loss: 0.04420037940144539	mean_loss: 3.824266605079174e-05
Epoch: 0 step: 512 Epoch: 0	loss: 0.04402375593781471 loss: 0.25491517782211304	mean_loss: 1.6633446648484096e-05 mean_loss: 0.00011270194954704493
step: 513 Epoch: 0	loss: 0.2857971787452698	mean_loss: 0.00011270194934704493
step: 514 Epoch: 0	loss: 0.21044306457042694	mean_loss: 0.0006247643614187837
step: 515 Epoch: 0	loss: 0.3063690662384033	mean_loss: 0.00013215404760558158
step: 516 Epoch: 0	loss: 0.23682984709739685	mean_loss: 0.0006091568502597511
step: 517 Epoch: 0	loss: 0.5133373141288757	mean_loss: 0.0002400497323833406
step: 518 Epoch: 0	loss: 0.2256268411874771	mean_loss: 0.00018348243611399084
step: 519 Epoch: 0	loss: 0.24437472224235535	mean_loss: 0.00020707721705548465
step: 520 Epoch: 0	loss: 0.30367201566696167	mean_loss: 0.00019184286065865308
step: 521 Epoch: 0 step: 522	loss: 0.1076621562242508	mean_loss: 8.479088137391955e-05
Epoch: 0 step: 523	loss: 0.04444418475031853	mean_loss: 0.0001294446992687881
Epoch: 0 step: 524	loss: 0.4234445095062256	mean_loss: 0.00022920667834114283
Epoch: 0 step: 525	loss: 0.15810999274253845	mean_loss: 0.0002873669727705419
Epoch: 0 step: 526	loss: 0.3958766758441925	mean_loss: 0.00016163363761734217
Epoch: 0 step: 527	loss: 0.19074316322803497	mean_loss: 0.00011813415767392144

Epoch: 0 step: 528	loss:	0.301434725522995	mean_loss: 0.00021979071607347578
Epoch: 0 step: 529	loss:	0.2428148090839386	mean_loss: 9.583383507560939e-05
Epoch: 0 step: 530	loss:	0.22033074498176575	mean_loss: 0.0006105999345891178
Epoch: 0 step: 531	loss:	0.04796772822737694	mean_loss: 9.754684288054705e-05
Epoch: 0 step: 532	loss:	0.04089891165494919	mean_loss: 1.4826929145783652e-05
Epoch: 0 step: 533	loss:	0.040735483169555664	mean_loss: 1.7896491044666618e-05
Epoch: 0 step: 534	loss:	0.3459987938404083	mean_loss: 0.00016131314623635262
Epoch: 0 step: 535	loss:	0.24025410413742065	mean_loss: 0.0001437891332898289
Epoch: 0 step: 536	loss:	0.3177288770675659	mean_loss: 0.00013032910646870732
Epoch: 0 step: 537	loss:	0.10361188650131226	mean_loss: 0.00014757071039639413
Epoch: 0 step: 538	loss:	0.06632363796234131	mean_loss: 3.1061314075486735e-05
Epoch: 0 step: 539	loss:	0.14177663624286652	mean_loss: 0.00022437925508711487
Epoch: 0 step: 540	loss:	0.4166269600391388	mean_loss: 0.0005046626320108771
Epoch: 0 step: 541	loss:	0.039814502000808716	mean_loss: 6.719860539305955e-05
Epoch: 0 step: 542	loss:	0.41502904891967773	mean_loss: 0.0001592237240402028
Epoch: 0 step: 543	loss:	0.21979321539402008	mean_loss: 0.024439159780740738
Epoch: 0 step: 544	loss:	0.21658167243003845	mean_loss: 0.00014070101315155625
Epoch: 0 step: 545	loss:	0.038950998336076736	mean_loss: 6.846182077424601e-05
Epoch: 0 step: 546	loss:	0.25642144680023193	mean_loss: 0.00020324080833233893
Epoch: 0 step: 547	loss:	0.33455535769462585	mean_loss: 0.0001403600035700947
Epoch: 0 step: 548	loss:	0.33831581473350525	mean_loss: 0.0005521308048628271
Epoch: 0 step: 549	loss:	0.19607771933078766	mean_loss: 0.0004738068673759699
Epoch: 0 step: 550	loss:	0.1736341416835785	mean_loss: 9.251219307770953e-05
Epoch: 0 step: 551	loss:	0.4503531754016876	mean_loss: 0.00018207181710749865

Epoch: 0 step: 552	loss:	0.037761762738227844	mean_loss: 1.3703082913707476e-05
Epoch: 0 step: 553	loss:	0.18008670210838318	mean_loss: 0.0001382198097417131
Epoch: 0 step: 554	loss:	0.13916747272014618	mean_loss: 6.355186633300036e-05
Epoch: 0 step: 555	loss:	0.03753367438912392	mean_loss: 1.4949196156521793e-05
Epoch: 0 step: 556	loss:	0.1495053768157959	mean_loss: 0.00012585885997395962
Epoch: 0 step: 557	loss:	0.2360966056585312	mean_loss: 0.00012538347800727934
Epoch: 0 step: 558	loss:	0.03708548843860626	mean_loss: 1.6929421690292656e-05
Epoch: 0 step: 559	loss:	0.44358688592910767	mean_loss: 0.0005829222500324249
Epoch: 0 step: 560	loss:	0.29484429955482483	mean_loss: 0.00010465009836480021
Epoch: 0 step: 561	loss:	0.1833125650882721	mean_loss: 0.00027790488093160093
Epoch: 0 step: 562	loss:	0.03637683764100075	mean_loss: 1.5190527847153135e-05
Epoch: 0 step: 563	loss:	0.05116534233093262	mean_loss: 1.849007821874693e-05
Epoch: 0 step: 564	loss:	0.17790764570236206	mean_loss: 0.00015338460798375309
Epoch: 0 step: 565	loss:	0.27161988615989685	mean_loss: 0.00012623003567568958
Epoch: 0 step: 566	loss:	0.035591237246990204	mean_loss: 2.196646346419584e-05
Epoch: 0 step: 567	loss:	0.03544901683926582	mean_loss: 3.136249870294705e-05
Epoch: 0 step: 568	loss:	0.03530736267566681	mean_loss: 1.422081550117582e-05
Epoch: 0 step: 569	loss:	0.34088683128356934	mean_loss: 0.0002112150250468403
Epoch: 0 step: 570	loss:	0.12825283408164978	mean_loss: 6.797039532102644e-05
Epoch: 0 step: 571	loss:	0.07733776420354843	mean_loss: 5.2981336921220645e-05
Epoch: 0 step: 572		0.20898836851119995	mean_loss: 0.0005855500348843634
Epoch: 0 step: 573		0.1219141036272049	mean_loss: 0.00023925713321659714
Epoch: 0 step: 574		0.03466731309890747	mean_loss: 1.5176769920799416e-05
Epoch: 0 step: 575	loss:	0.0619339682161808	mean_loss: 2.2775420802645385e-05

Epoch: 0	loss:	0.034803081303834915	mean_loss: 3.131821722490713e-05
step: 576			
Epoch: 0	loss:	0.22744779288768768	mean_loss: 0.00046048403601162136
step: 577			
Epoch: 0	loss:	0.034540142863988876	mean_loss: 1.3682809367310256e-05
step: 578			
Epoch: 0	loss:	0.3636014461517334	mean_loss: 0.00026521889958530664
step: 579			
Epoch: 0	loss:	0.12704214453697205	mean_loss: 6.945300992811099e-05
step: 580			
Epoch: 0	loss:	0.7564668655395508	mean_loss: 0.008405959233641624
step: 581			
Epoch: 0	loss:	0.03376134857535362	mean_loss: 2.774164931906853e-05
step: 582			
Epoch: 0	loss:	0.033626437187194824	mean_loss: 1.5091560271685012e-05
step: 583			_
Epoch: 0	loss:	0.3601580560207367	mean_loss: 0.0001823661441449076
step: 584			_
Epoch: 0	loss:	0.23298728466033936	mean_loss: 0.0005512284697033465
step: 585			
Epoch: 0	loss:	0.03302384912967682	mean_loss: 4.3044969061156735e-05
step: 586			
Epoch: 0	loss:	0.21827997267246246	mean_loss: 0.00011693788110278547
step: 587			
Epoch: 0	loss:	0.323760062456131	mean_loss: 0.00017805222887545824
step: 588			
Epoch: 0	loss:	0.05037107691168785	mean_loss: 2.3081795006874017e-05
step: 589	TODD.	0.00001101001100100	moun_1000. 2.0001/000000/101/0 00
Epoch: 0	loss	0.032899875193834305	mean_loss: 4.1940071241697297e-05
step: 590	TODD.	0.002000010100001000	modn_1000: 1:10100/121100/20/0 00
Epoch: 0	1088.	0.4565531313419342	mean_loss: 0.0005028580198995769
step: 591	TOBB.	0.1000001010110012	mean_1055. 0.0000020000130330103
Epoch: 0	1099.	0.16472205519676208	mean_loss: 0.0023945639841258526
step: 592	TOBB.	0.101/22000130/0200	medii_1055. 0.0020510005011200020
Epoch: 0	1000.	0.03238717466592789	mean_loss: 1.5998959497665055e-05
step: 593	1055.	0.00200111400002100	mean_1055. 1.00000004070000000 00
Epoch: 0	loggi	0.03225775808095932	mean_loss: 2.1910222130827606e-05
step: 594	TOSS.	0.00220110000090902	mean_1055. 2.1910222100027000e 05
Epoch: 0	loggi	0.28098639845848083	mean_loss: 0.0002103355509461835
step: 595	1055.	0.20090039043040003	mean_1055. 0.0002103333309401033
Epoch: 0	1000.	0.031915511935949326	mean_loss: 1.5809964679647237e-05
-	1088.	0.031913311933949320	mean_10ss. 1.5009904079047257e-05
step: 596	1000:	0 021707076600E0140	moon logg: 1 9255704900990109- 05
Epoch: 0	TOSS:	0.03178797662258148	mean_loss: 1.2255794899829198e-05
step: 597	1	0 06716776620002000	mann lagg. 0 2600200642600240- 05
Epoch: 0	TOSS:	0.06716776639223099	mean_loss: 2.3688300643698312e-05
step: 598	1	0 11500105506540250	moon logg. 6 70641161606054- 05
Epoch: 0	TOSS:	0.11599105596542358	mean_loss: 6.79641161696054e-05
step: 599			

Epoch: 0 step: 600	loss: 0.16639280319213867	mean_loss: 0.0005902863922528923
Epoch: 0 step: 601	loss: 0.3214148283004761	mean_loss: 0.0003454990510363132
Epoch: 0 step: 602	loss: 0.25631067156791687	mean_loss: 9.470707300351933e-05
Epoch: 0 step: 603	loss: 0.43040159344673157	mean_loss: 0.00047886130050756037
Epoch: 0 step: 604	loss: 0.2300490289926529	mean_loss: 8.97694262675941e-05
Epoch: 0 step: 605	loss: 0.18901219964027405	mean_loss: 8.533482468919829e-05
Epoch: 0 step: 606	loss: 0.13569319248199463	mean_loss: 0.00034374312963336706
Epoch: 0 step: 607	loss: 0.11777901649475098	mean_loss: 6.547824887093157e-05
Epoch: 0 step: 608	loss: 0.031983159482479095	mean_loss: 0.00010612131882226095
Epoch: 0 step: 609	loss: 0.3383994698524475	mean_loss: 0.0002830314333550632
Epoch: 0 step: 610	loss: 0.3244113624095917	mean_loss: 0.0002558663545642048
Epoch: 0 step: 611	loss: 0.06206826493144035	mean_loss: 2.987734114867635e-05
Epoch: 0 step: 612	loss: 0.030901899561285973	mean_loss: 2.0059518647030927e-05
Epoch: 0 step: 613	loss: 0.14479532837867737	mean_loss: 0.00015389520558528602
Epoch: 0 step: 614	loss: 0.1815248280763626	mean_loss: 0.00032212541555054486
Epoch: 0 step: 615	loss: 0.13024362921714783	mean_loss: 0.00020561534620355815
Epoch: 0 step: 616	loss: 0.0458507314324379	mean_loss: 0.00012515310663729906
Epoch: 0 step: 617		mean_loss: 0.00028314770315773785
Epoch: 0 step: 618	loss: 0.2129441499710083	mean_loss: 8.906737639335915e-05
Epoch: 0 step: 619	loss: 0.1401897668838501	mean_loss: 0.00011958979303017259
Epoch: 0 step: 620	loss: 0.031282391399145126	mean_loss: 1.1041483958251774e-05
Epoch: 0 step: 621	loss: 0.21810348331928253	mean_loss: 0.0028699280228465796
Epoch: 0 step: 622	loss: 0.4837420880794525	mean_loss: 0.0003123312199022621
Epoch: 0 step: 623	loss: 0.2296903133392334	mean_loss: 0.0007098846836015582

Epoch: 0	loss:	0.030310355126857758	mean_loss: 1.522839465906145e-05
step: 624			
Epoch: 0	loss:	0.06237570196390152	mean_loss: 0.00024856944219209254
step: 625			
Epoch: 0	loss:	0.030530160292983055	mean_loss: 1.2808460269297939e-05
step: 626			
Epoch: 0	loss:	0.43179354071617126	mean_loss: 0.0014393544988706708
step: 627			
Epoch: 0	loss:	0.029957229271531105	mean_loss: 1.8096012354362756e-05
step: 628			
Epoch: 0	loss:	0.20636840164661407	mean_loss: 0.00010028498218161985
step: 629			
Epoch: 0	loss:	0.029752377420663834	mean_loss: 7.407608791254461e-05
step: 630			_
Epoch: 0	loss:	0.029633482918143272	mean_loss: 3.28260321111884e-05
step: 631			
Epoch: 0	loss:	0.1737060546875 me	an_loss: 0.00014849477156531066
step: 632	1000.	0.1707000010070 mo	dii_1055. 0.00011010171100001000
Epoch: 0	loggi	0.11890183389186859	mean_loss: 4.9480604502605274e-05
step: 633	1055.	0.11090103309100039	mean_1055. 4.94000045020002746 05
Epoch: 0	1000.	0.029332702979445457	mean_loss: 1.8514294424676336e-05
-	1088.	0.029332102919443431	medii_10ss. 1.0014294424070330e-00
step: 634	1	0.00001E4002001200	0 00011020047424740740
Epoch: 0	loss:	0.0292154923081398	mean_loss: 0.00011932247434742749
step: 635	7	0 4454047077004047	3 0 0004600000000000004
Epoch: 0	loss:	0.4454047977924347	mean_loss: 0.00016003022028598934
step: 636	_		
Epoch: 0	loss:	0.14120733737945557	mean_loss: 0.0001743124012136832
step: 637	_		
Epoch: 0	loss:	0.028950588777661324	mean_loss: 3.4631273592822254e-05
step: 638			
Epoch: 0	loss:	0.1026579812169075	mean_loss: 0.00010730680514825508
step: 639			
Epoch: 0	loss:	0.028862426057457924	mean_loss: 3.098367233178578e-05
step: 640			
Epoch: 0	loss:	0.13585835695266724	mean_loss: 0.00015837917453609407
step: 641			
Epoch: 0	loss:	0.23081675171852112	mean_loss: 0.0015501687303185463
step: 642			
Epoch: 0	loss:	0.028612514957785606	mean_loss: 8.021990652196109e-05
step: 643			
Epoch: 0	loss:	0.1066533699631691	mean_loss: 4.430617991602048e-05
step: 644			_
Epoch: 0	loss:	0.028595007956027985	mean_loss: 1.1360299140505958e-05
step: 645			_
Epoch: 0	loss:	0.02848074585199356	mean_loss: 3.073582047363743e-05
step: 646			
Epoch: 0	loss	0.048175763338804245	mean_loss: 2.0077675799257122e-05
step: 647	_000.	1.0101.0.0000001210	
-00p. 011			

Epoch: 0 step: 648	loss: 0.23010316491127014	mean_loss: 0.005753080826252699
Epoch: 0 step: 649	loss: 0.02916046231985092	mean_loss: 3.007195846294053e-05
Epoch: 0 step: 650	loss: 0.029043935239315033	mean_loss: 0.00018637184984982014
Epoch: 0 step: 651	loss: 0.20368224382400513	mean_loss: 7.286226173164323e-05
Epoch: 0 step: 652	loss: 0.028806915506720543	mean_loss: 5.8342986449133605e-05
Epoch: 0 step: 653	loss: 0.04383628070354462	mean_loss: 7.714344974374399e-05
Epoch: 0 step: 654	loss: 0.02889801189303398	mean_loss: 1.039281050907448e-05
Epoch: 0 step: 655	loss: 0.02878253348171711	mean_loss: 1.300493568123784e-05
Epoch: 0 step: 656	loss: 1.6648672819137573	mean_loss: 0.008451169356703758
Epoch: 0 step: 657	loss: 0.23540592193603516	mean_loss: 0.00012984935892745852
Epoch: 0 step: 658	loss: 0.02800636924803257	mean_loss: 1.0037894753622822e-05
Epoch: 0 step: 659	loss: 0.36472150683403015	mean_loss: 0.00029822695069015026
Epoch: 0 step: 660	loss: 0.027716491371393204	mean_loss: 1.215389056596905e-05
Epoch: 0 step: 661 Epoch: 0	loss: 0.1679103672504425 loss: 0.823152482509613	mean_loss: 0.0001093245591619052 mean_loss: 0.0002883578999899328
step: 662 Epoch: 0	loss: 0.02674863487482071	mean_loss: 1.7015099729178473e-05
step: 663 Epoch: 0	loss: 0.09314259141683578	mean_loss: 8.897765656001866e-05
step: 664 Epoch: 0	loss: 0.026966122910380363	
step: 665 Epoch: 0	loss: 0.026858367025852203	-
step: 666 Epoch: 0	loss: 0.026751041412353516	
step: 667 Epoch: 0	loss: 0.2675033509731293	mean_loss: 0.0001606778532732278
step: 668 Epoch: 0	loss: 0.06951330602169037	mean_loss: 0.00021049541828688234
step: 669 Epoch: 0	loss: 0.16768111288547516	mean_loss: 0.00011163005547132343
step: 670 Epoch: 0 step: 671	loss: 0.03843822702765465	mean_loss: 1.4826867300143931e-05
200p. 0/1		

Epoch: 0 step: 672	loss:	0.027007555589079857	mean_loss: 2.32350666919956e-05
Epoch: 0 step: 673	loss:	1.2586455345153809	mean_loss: 0.0016013598069548607
Epoch: 0 step: 674	loss:	0.026630477979779243	mean_loss: 1.890946805360727e-05
Epoch: 0 step: 675	loss:	0.5686547756195068	mean_loss: 0.0007171168690547347
Epoch: 0 step: 676	loss:	0.02582271583378315	mean_loss: 1.221907587023452e-05
Epoch: 0 step: 677	loss:	0.1075475811958313	mean_loss: 7.267553883139044e-05
Epoch: 0 step: 678		0.025914466008543968	mean_loss: 3.0645212973468006e-05
Epoch: 0 step: 679		0.025810914114117622	mean_loss: 2.9035460102022626e-05
Epoch: 0 step: 680		0.029113655909895897	mean_loss: 1.3990729712531902e-05
Epoch: 0 step: 681		0.026360221207141876	mean_loss: 1.295393485634122e-05
Epoch: 0 step: 682		0.026254884898662567	mean_loss: 1.4401227417693008e-05
Epoch: 0 step: 683 Epoch: 0		0.6473931670188904 0.025746209546923637	mean_loss: 0.00025240061222575605 mean_loss: 4.69289007014595e-05
step: 684 Epoch: 0		0.20659103989601135	mean_loss: 0.00018649635603651404
step: 685 Epoch: 0		0.025488052517175674	mean_loss: 1.3700398994842544e-05
step: 686 Epoch: 0		0.0974084734916687	mean_loss: 0.00016568397404626012
step: 687 Epoch: 0	loss:	0.03192755579948425	mean_loss: 0.0001478951016906649
step: 688 Epoch: 0	loss:	1.185712456703186	mean_loss: 0.04089173674583435 step:
689 Epoch: 0	loss:	0.2839699387550354	mean_loss: 0.0004480850766412914
step: 690 Epoch: 0	loss:	0.07930734753608704	mean_loss: 3.306609869468957e-05
step: 691 Epoch: 0	loss:	0.22544333338737488	mean_loss: 9.473798127146438e-05
step: 692 Epoch: 0 step: 693	loss:	0.051494430750608444	mean_loss: 1.8712067685555667e-05
Epoch: 0 step: 694	loss:	0.6127792596817017	mean_loss: 0.00034857678110711277
Epoch: 0 step: 695	loss:	0.06257782876491547	mean_loss: 4.1426203097216785e-05

Epoch: 0	loss: 0.10523584485054016	mean_loss: 0.00011443181574577466
step: 696		-
Epoch: 0	loss: 0.025529157370328903	mean_loss: 2.0287649022066034e-05
step: 697		_
Epoch: 0	loss: 0.13041503727436066	mean_loss: 6.2379396695178e-05
step: 698		_
Epoch: 0	loss: 0.1550600826740265	mean_loss: 0.0003012086672242731
step: 699		
Epoch: 0	loss: 0.025958498939871788	mean_loss: 2.3362728825304657e-05
step: 700		
Epoch: 0	loss: 0.025854768231511116	mean_loss: 9.057798706635367e-06
step: 701	1055. 0.020001.0020101111.	moun_1055. 0.001100100000010 00
Epoch: 0	loss: 0.02575145103037357	mean_loss: 2.1378014935180545e-05
step: 702	1000. 0.020/011010000/00/	
Epoch: 0	loss: 0.02564855106174946	mean_loss: 1.1834914403152652e-05
step: 703	1000. 0.02001000100174010	mcan_1055. 1.10013111001020020 00
Epoch: 0	loss: 0.02554605901241302	5 mean_loss: 4.383858322398737e-05
step: 704	1000. 0.020010000012110020	mcan_1055. 4.0000000220507070 00
Epoch: 0	loss: 0.02544397860765457	mean_loss: 1.5372628695331514e-05
step: 705	1055. 0.02544557000705457	mean_1055. 1.05/2020090551014e 05
Epoch: 0	loss: 0.0253423023968935	mean_loss: 9.360529475088697e-06
step: 706	1088. 0.0233423023300333	mean_10ss. 9.300329473000097e 00
Epoch: 0	loss: 0.025241034105420113	mean_loss: 8.785801583144348e-06
step: 707	1088. 0.02324103410342011	medii_10ss. 0.700001000144040e-00
Epoch: 0	loss: 0.02514017000794410	7 mean_loss: 2.388314896961674e-05
-	1055. 0.02514017000794410	medii_10ss. 2.300314090901074e=03
step: 708	1.22. 0.00502071010446549	- moon logg. 1 02000020210257200 05
Epoch: 0	loss: 0.02503971010446548	mean_loss: 1.0309992831025738e-05
step: 709	1 0 00402065066060204	7 1 0 075002624705455. 06
Epoch: 0	loss: 0.02493965066969394	7 mean_loss: 9.975993634725455e-06
step: 710	1.55. 0 02482000170262040	/ moon logg. 2 99617E20700E2207. 0E
Epoch: 0 step: 711	loss: 0.024839991703629494	4 mean_loss: 2.8861752070952207e-05
-	1 0 004740722006070401	1 0 017060070746040- 0F
Epoch: 0	loss: 0.02474073320627212	mean_loss: 2.017068072746042e-05
step: 712	1 0 5704604042022002	
Epoch: 0	loss: 0.5721601843833923	mean_loss: 0.0006994869327172637
step: 713	3 0460654544000000	3 0 0007646070475474006
Epoch: 0	loss: 0.9160654544830322	mean_loss: 0.0007646079175174236
step: 714		3 0 000700046040404047
Epoch: 0	loss: 0.5527700781822205	mean_loss: 0.0007380462484434247
step: 715		
Epoch: 0	loss: 0.03622812777757645	mean_loss: 4.870378688792698e-05
step: 716		
Epoch: 0	loss: 0.024397611618041992	2 mean_loss: 3.353404099470936e-05
step: 717		
Epoch: 0	loss: 0.02430011704564094	mean_loss: 1.3740062058786862e-05
step: 718		
Epoch: 0	loss: 0.02420301362872123	7 mean_loss: 0.00010859531175810844
step: 719		

Epoch: 0	loss:	0.024106301367282867	mean_loss: 1.8070819351123646e-05
step: 720 Epoch: 0	loss:	0.40782108902931213	mean_loss: 0.00014165999891702086
step: 721 Epoch: 0	loss:	0.35313981771469116	mean_loss: 0.0001537343196105212
step: 722 Epoch: 0	loss:	0.02358819916844368	mean_loss: 1.0971318260999396e-05
step: 723 Epoch: 0 step: 724	loss:	0.501145601272583	mean_loss: 0.00045027543092146516
Epoch: 0 step: 725	loss:	0.3441963195800781	mean_loss: 0.0013154450571164489
Epoch: 0 step: 726	loss:	0.12470702826976776	mean_loss: 0.00020035369379911572
Epoch: 0 step: 727	loss:	0.052244894206523895	mean_loss: 2.974772905872669e-05
Epoch: 0 step: 728	loss:	0.32666605710983276	mean_loss: 0.00015586632071062922
Epoch: 0 step: 729	loss:	0.2159584015607834	mean_loss: 9.21596001717262e-05
Epoch: 0 step: 730	loss:	0.05399269610643387	mean_loss: 2.6538202291703783e-05
Epoch: 0 step: 731	loss:	0.129010871052742	mean_loss: 0.00010611629113554955
Epoch: 0 step: 732	loss:	0.02331501990556717	mean_loss: 6.452103843912482e-05
Epoch: 0 step: 733	loss:	0.023221850395202637	mean_loss: 5.268409586278722e-05
Epoch: 0 step: 734	loss:	0.02312905713915825	mean_loss: 8.116856406559236e-06
Epoch: 0 step: 735	loss:	0.201103076338768	mean_loss: 0.0001695709943305701
Epoch: 0 step: 736	loss:	0.02390180714428425	mean_loss: 2.3599390260642394e-05
Epoch: 0 step: 737	loss:	0.023806298151612282	mean_loss: 5.248876186669804e-05
Epoch: 0 step: 738	loss:	0.21767982840538025	mean_loss: 8.67113922140561e-05
Epoch: 0 step: 739	loss:	0.15698376297950745	mean_loss: 0.00022029518731869757
Epoch: 0 step: 740	loss:	0.023749494925141335	mean_loss: 1.636163142393343e-05
Epoch: 0 step: 741		0.023654591292142868	mean_loss: 1.972579411813058e-05
Epoch: 0 step: 742		0.19990453124046326	mean_loss: 0.00014108981122262776
Epoch: 0 step: 743	loss:	0.02468906342983246	mean_loss: 8.59174833749421e-05

Epoch: 0 step: 744	loss: 0.02459040284156799	93 mean_loss: 9.329422027803957e-06
Epoch: 0 step: 745	loss: 0.0244921389967203	mean_loss: 1.2571303159347735e-05
Epoch: 0 step: 746	loss: 0.02439427003264427	72 mean_loss: 1.1221535714867059e-05
Epoch: 0 step: 747	loss: 0.02429679036140442	2 mean_loss: 1.0286928954883479e-05
Epoch: 0 step: 748	loss: 0.0241996999830007	mean_loss: 1.0417378689453471e-05
Epoch: 0 step: 749	loss: 0.18443217873573303	8 mean_loss: 8.535057713743299e-05
Epoch: 0 step: 750	loss: 0.02396658435463905	53 mean_loss: 2.0698738808277994e-05
Epoch: 0 step: 751	loss: 1.4645060300827026	mean_loss: 0.0016661282861605287
Epoch: 0 step: 752	loss: 0.11052782833576202	2 mean_loss: 0.00014879835362080485
Epoch: 0 step: 753	loss: 0.02376016601920128	3 mean_loss: 1.6591926396358758e-05
Epoch: 0 step: 754	loss: 0.02366521768271923	_
Epoch: 0 step: 755	loss: 0.1967195719480514	5 mean_loss: 0.000204308787942864
Epoch: 0 step: 756	loss: 0.02342764101922512	2 mean_loss: 1.0103441127284896e-05
Epoch: 0 step: 757	loss: 0.24477623403072357	-
Epoch: 0 step: 758	loss: 0.2611038088798523	mean_loss: 0.000187566940439865
Epoch: 0 step: 759	loss: 0.2613641321659088	mean_loss: 9.34446943574585e-05
Epoch: 0 step: 760	loss: 0.0233945082873106	mean_loss: 2.9213872039690614e-05
Epoch: 0 step: 761	loss: 1.2193248271942139	mean_loss: 0.0022580630611628294
Epoch: 0 step: 762	loss: 0.0222637616097927	-
Epoch: 0 step: 763	loss: 0.24473504722118378	-
Epoch: 0 step: 764	loss: 0.18716783821582794	4 mean_loss: 0.00011642063327599317
Epoch: 0 step: 765	loss: 0.16922923922538757	-
Epoch: 0 step: 766	loss: 0.02190722897648811	13 mean_loss: 5.960706766927615e-05
Epoch: 0 step: 767	loss: 0.5589632391929626	mean_loss: 0.00030381674878299236

Epoch: 0 step: 768	loss: 0.02123288	86239886284	mean_loss: 2.3	3903110559331253e-05
Epoch: 0 step: 769	loss: 0.02634882	2740676403	mean_loss: 4.92	29482383886352e-05
Epoch: 0 step: 770	loss: 0.02074990	9803271294	mean_loss: 1.4	1985017514845822e-05
Epoch: 0 step: 771	loss: 0.02066699	229180813	mean_loss: 9.37	75329682370648e-06
Epoch: 0 step: 772	loss: 0.02058440	6331181526	mean_loss: 1.9	9391507521504536e-05
Epoch: 0 step: 773	loss: 0.17961257	696151733	mean_loss: 9.03	3581312741153e-05
Epoch: 0 step: 774	loss: 0.02055668	80858135223	mean_loss: 8.7	789714229351375e-06
Epoch: 0 step: 775	loss: 0.16638199	985027313	mean_loss: 0.00	0021359536913223565
Epoch: 0 step: 776	loss: 0.80599391	.4604187	mean_loss: 0.0013	3087784172967076
Epoch: 0 step: 777	loss: 0.32888278	365135193	mean_loss: 0.00	0013357264106161892
Epoch: 0 step: 778	loss: 0.25252816	08104706	mean_loss: 0.000	35586158628575504
Epoch: 0 step: 779	loss: 0.01908851	.9737124443	mean_loss: 1.8	3805010768119246e-05
Epoch: 0 step: 780	loss: 0.15122868	3120670319	mean_loss: 0.00	0012499792501330376
Epoch: 0 step: 781	loss: 0.14801302	2552223206	mean_loss: 5.24	19398236628622e-05
Epoch: 0 step: 782	loss: 0.38984498	381614685	mean_loss: 0.00	0023949475144036114
Epoch: 0 step: 783	loss: 0.25973811	.745643616	_	3665920048952103
Epoch: 0 step: 784	loss: 0.01881832			03544492367655e-05
Epoch: 0 step: 785	loss: 0.09822196		_	003682359529193491
Epoch: 0 step: 786	loss: 0.72164809		mean_loss: 0.0003	
Epoch: 0 step: 787	loss: 0.19629245		_)278898635879e-05
Epoch: 0 step: 788	loss: 0.08717076		<u>-</u>	39678471302614e-05
Epoch: 0 step: 789	loss: 0.91501420		_)4345173656474799
Epoch: 0 step: 790	loss: 0.10988366			90293213678524e-05
Epoch: 0 step: 791	loss: 0.01806748	32858896255	mean_loss: 6.5	589977147086756e-06

Epoch: 0 step: 792	loss:	0.2865254282951355	mean_loss: 0.0009712949395179749
Epoch: 0 step: 793	loss:	0.01777702011168003	mean_loss: 1.4693036973767448e-05
Epoch: 0 step: 794	loss:	0.0852290615439415	mean_loss: 0.00012722949031740427
Epoch: 0 step: 795	loss:	0.018137289211153984	mean_loss: 1.3351256711757742e-05
Epoch: 0 step: 796	loss:	0.01806481182575226	mean_loss: 1.2092416909581516e-05
Epoch: 0 step: 797	loss:	1.3424625396728516	mean_loss: 0.013291827403008938
Epoch: 0 step: 798	loss:	0.3793739080429077	mean_loss: 0.0001385553041473031
Epoch: 0 step: 799	loss:	0.15837158262729645	mean_loss: 7.523025124100968e-05
Epoch: 0 step: 800	loss:	0.21690943837165833	mean_loss: 0.000554947997443378
Epoch: 0 step: 801	loss:	0.11557126045227051	mean_loss: 6.704746192554012e-05
Epoch: 0 step: 802	loss:	0.4660354256629944	mean_loss: 0.0012462632730603218
Epoch: 0 step: 803	loss:	0.16633693873882294	mean_loss: 0.0001237689721165225
Epoch: 0 step: 804	loss:	0.01660003326833248	mean_loss: 6.150718036224134e-06
Epoch: 0 step: 805	loss:	0.07412222027778625	mean_loss: 3.115946674370207e-05
Epoch: 0 step: 806	loss:	0.7000014781951904	mean_loss: 0.00036252339486964047
Epoch: 0 step: 807		0.21531899273395538	mean_loss: 8.301829075207934e-05
Epoch: 0 step: 808	loss:	0.19936975836753845	mean_loss: 0.00044421551865525544
Epoch: 0 step: 809	loss:	0.20335038006305695	mean_loss: 8.724084182176739e-05
Epoch: 0 step: 810		0.33436283469200134	mean_loss: 0.00016959942877292633
Epoch: 0 step: 811		0.17501679062843323	mean_loss: 0.0002502662828192115
Epoch: 0 step: 812	loss:	0.1883605718612671	mean_loss: 0.00011751453712349758
Epoch: 0 step: 813		0.329331636428833	mean_loss: 0.00011678452574415132
Epoch: 0 step: 814		0.015826815739274025	mean_loss: 6.637635124207009e-06
Epoch: 0 step: 815	loss:	0.1898377686738968	mean_loss: 0.0008363189408555627

Epoch: 0	loss:	0.1253289133310318	mean_loss: 0.0001174722783616744
step: 816 Epoch: 0	loss:	0.1485888510942459	mean_loss: 5.501528721651994e-05
step: 817 Epoch: 0	loss:	0.21607038378715515	mean_loss: 8.927112503442913e-05
step: 818 Epoch: 0	loss:	0.20210695266723633	mean_loss: 0.00011547471513040364
step: 819	1	0.14894768595695496	mean_loss: 9.543095802655444e-05
Epoch: 0 step: 820	1088.	0.14094700090090490	mean_10ss. 9.043093602033444e-03
Epoch: 0 step: 821	loss:	0.12787169218063354	mean_loss: 6.98510484653525e-05
Epoch: 0 step: 822	loss:	0.016257256269454956	mean_loss: 7.3611845436971635e-06
Epoch: 0	loss:	0.347461074590683	mean_loss: 0.0003814143128693104
step: 823 Epoch: 0	loss:	0.13411454856395721	mean_loss: 0.00011933980567846447
step: 824 Epoch: 0	loss:	0.016067426651716232	mean_loss: 5.8668961173680145e-06
step: 825 Epoch: 0	loss:	0.09645210206508636	mean_loss: 4.432810965226963e-05
step: 826 Epoch: 0	loss:	0.5643568634986877	mean_loss: 0.0005922362906858325
step: 827			_
Epoch: 0 step: 828	loss:	0.015794025734066963	mean_loss: 7.093619387887884e-06
Epoch: 0 step: 829	loss:	0.20820175111293793	mean_loss: 0.00011080832337029278
Epoch: 0 step: 830	loss:	0.015701547265052795	mean_loss: 2.4477330953232013e-05
Epoch: 0	loss:	0.3038121163845062	mean_loss: 0.00012820109259337187
step: 831 Epoch: 0	loss:	0.19684019684791565	mean_loss: 7.929484127089381e-05
step: 832 Epoch: 0	loss:	0.1601254791021347	mean_loss: 0.0001493054733145982
step: 833 Epoch: 0	loggi	0.2737498879432678	mean_loss: 0.00012060730659868568
step: 834	1055.	0.2131430013432010	mean_10ss. 0.00012000730039005000
Epoch: 0 step: 835	loss:	0.015272542834281921	mean_loss: 6.219454462552676e-06
Epoch: 0	loss:	0.02073291316628456	mean_loss: 1.270002030651085e-05
step: 836 Epoch: 0	loss:	0.19919680058956146	mean_loss: 0.00014372979057952762
step: 837 Epoch: 0	lossi	0.5325270891189575	mean_loss: 0.0003978124004788697
step: 838	1000.	0.0020270001100070	
Epoch: 0 step: 839	loss:	0.45675086975097656	mean_loss: 0.00018300587544217706

Epoch: 0 step: 840	loss:	0.2887899577617645	mean_loss: 0.0003452484670560807
Epoch: 0 step: 841	loss:	0.1628931313753128	mean_loss: 0.00022703529975842685
Epoch: 0 step: 842	loss:	0.01485784538090229	mean_loss: 5.257888005871791e-06
Epoch: 0 step: 843	loss:	0.3951411247253418	mean_loss: 0.00036119413562119007
Epoch: 0 step: 844	loss:	0.21415501832962036	mean_loss: 0.00013120257062837481
Epoch: 0 step: 845	loss:	0.15060605108737946	mean_loss: 8.825366239761934e-05
Epoch: 0 step: 846	loss:	0.19469477236270905	mean_loss: 9.382612188346684e-05
Epoch: 0 step: 847	loss:	0.190260112285614	mean_loss: 0.00018480965809430927
Epoch: 0 step: 848	loss:	0.175771102309227	mean_loss: 0.00013209902681410313
Epoch: 0 step: 849	loss:	0.05928168445825577	mean_loss: 3.5555825888877735e-05
Epoch: 0 step: 850	loss:	0.14252056181430817	mean_loss: 0.00010117538477061316
Epoch: 0 step: 851	loss:	0.015214833430945873	mean_loss: 6.151007255539298e-05
Epoch: 0 step: 852	loss:	0.21887122094631195	mean_loss: 0.0001804886560421437
Epoch: 0 step: 853	loss:	0.04973997920751572	mean_loss: 3.308182203909382e-05
Epoch: 0 step: 854	loss:	0.30914971232414246	mean_loss: 0.00023893569596111774
Epoch: 0 step: 855	loss:	0.015289167873561382	mean_loss: 8.443775186606217e-06
Epoch: 0 step: 856	loss:	0.015228073112666607	mean_loss: 1.4213168469723314e-05
Epoch: 0 step: 857	loss:	0.12043542414903641	mean_loss: 7.118772919056937e-05
Epoch: 0 step: 858		0.01547932717949152	mean_loss: 1.6793212125776336e-05
Epoch: 0 step: 859		0.015417470596730709	mean_loss: 6.110160029493272e-06
Epoch: 0 step: 860		0.015355863608419895	mean_loss: 9.465172297495883e-06
Epoch: 0 step: 861		0.015294501557946205	mean_loss: 5.834527655679267e-06
Epoch: 0 step: 862		0.015233385376632214	mean_loss: 2.056574885500595e-05
Epoch: 0 step: 863	loss:	0.13999250531196594	mean_loss: 0.00011138668924104422

Epoch: 0 step: 864	loss:	0.015432726591825485	mean_loss: 6.770084382878849e-06
Epoch: 0 step: 865	loss:	0.015371057204902172	mean_loss: 1.7534581274958327e-05
Epoch: 0 step: 866	loss:	0.015309634618461132	mean_loss: 5.84114695811877e-06
Epoch: 0 step: 867	loss:	0.4124850332736969	mean_loss: 0.00026223197346553206
Epoch: 0 step: 868	loss:	0.014503936283290386	mean_loss: 5.179294021218084e-06
Epoch: 0 step: 869	loss:	0.01444597914814949	mean_loss: 9.071662134374492e-06
Epoch: 0 step: 870	loss:	0.0143882529810071	mean_loss: 3.6727869883179665e-05
Epoch: 0 step: 871	loss:	0.8380156755447388	mean_loss: 0.0006813434301875532
Epoch: 0 step: 872	loss:	0.21924526989459991	mean_loss: 0.00027559726731851697
Epoch: 0 step: 873	loss:	0.1706235110759735	mean_loss: 0.00044621177949011326
Epoch: 0 step: 874	loss:	0.16548550128936768	mean_loss: 7.768339128233492e-05
Epoch: 0 step: 875	loss:	0.32716941833496094	mean_loss: 0.00031496354495175183
Epoch: 0 step: 876	loss:	0.013925693929195404	mean_loss: 5.781834261142649e-06
Epoch: 0 step: 877	loss:	0.16684973239898682	mean_loss: 0.0006157030002214015
Epoch: 0 step: 878	loss:	0.0556211955845356	mean_loss: 5.361000876291655e-05
Epoch: 0 step: 879	loss:	0.0729428231716156	mean_loss: 7.128557626856491e-05
Epoch: 0 step: 880	loss:	0.22957171499729156	mean_loss: 8.260539470938966e-05
Epoch: 0 step: 881	loss:	0.3620343506336212	mean_loss: 0.0003768126480281353
Epoch: 0 step: 882	loss:	0.03547927364706993	mean_loss: 1.3576708624896128e-05
Epoch: 0 step: 883	loss:	0.08088316023349762	mean_loss: 3.376324457349256e-05
Epoch: 0 step: 884	loss:	0.01553748082369566	mean_loss: 8.555628301110119e-05
Epoch: 0 step: 885	loss:	0.14020922780036926	mean_loss: 9.211739234160632e-05
Epoch: 0 step: 886	loss:	0.01567503809928894	mean_loss: 1.661449459788855e-05
Epoch: 0 step: 887	loss:	0.015612402930855751	mean_loss: 0.0002520809357520193

Epoch: 0 step: 888	loss:	0.015550014562904835	mean_loss: 6.423615559469908e-05
Epoch: 0 step: 889	loss:	0.07113786041736603	mean_loss: 4.009127223980613e-05
Epoch: 0 step: 890	loss:	0.22141647338867188	mean_loss: 8.391684968955815e-05
Epoch: 0 step: 891	loss:	0.14917831122875214	mean_loss: 0.00403411453589797
Epoch: 0 step: 892	loss:	0.6870707273483276	mean_loss: 0.00031399584258906543
Epoch: 0 step: 893	loss:	0.1645970642566681	mean_loss: 0.000555256090592593
Epoch: 0 step: 894	loss:	0.015402904711663723	mean_loss: 1.5568935850751586e-05
Epoch: 0 step: 895	loss:	0.09038740396499634	mean_loss: 0.00013452823623083532
Epoch: 0 step: 896	loss:	0.015759360045194626	mean_loss: 4.787315629073419e-05
Epoch: 0 step: 897	loss:	0.07850393652915955	mean_loss: 0.00010335764090996236
Epoch: 0 step: 898	loss:	0.01601262018084526	mean_loss: 5.6626768127898686e-06
Epoch: 0 step: 899	loss:	0.2056788057088852	mean_loss: 8.831449667923152e-05
Epoch: 0 step: 900	loss:	0.01596488244831562	mean_loss: 7.404610641970066e-06
Epoch: 0 step: 901	loss:	0.5333109498023987	mean_loss: 0.0002042582636931911
Epoch: 0 step: 902	loss:	0.015575594268739223	mean_loss: 1.0089420356962364e-05
Epoch: 0 step: 903	loss:	0.2509942650794983	mean_loss: 0.00022592653112951666
Epoch: 0 step: 904	loss:	0.14177745580673218	mean_loss: 6.507946091005579e-05
Epoch: 0 step: 905	loss:	0.015627436339855194	mean_loss: 1.6244839571299963e-05
Epoch: 0 step: 906	loss:	0.015564989298582077	mean_loss: 5.425220933830133e-06
Epoch: 0 step: 907	loss:	0.015502791851758957	mean_loss: 6.149174168967875e-06
Epoch: 0 step: 908	loss:	0.04797873646020889	mean_loss: 3.6573845136445016e-05
Epoch: 0 step: 909	loss:	0.2919168174266815	mean_loss: 0.00011781815555877984
Epoch: 0 step: 910	loss:	0.015597094781696796	mean_loss: 5.8031437220051885e-06
Epoch: 0 step: 911	loss:	0.1679309904575348	mean_loss: 7.260561687871814e-05

Epoch: 0 step: 912	loss: 0.015591870993375778	mean_loss: 5.542985491047148e-06
Epoch: 0 step: 913	loss: 0.4602639973163605	mean_loss: 0.00025542150251567364
Epoch: 0 step: 914	loss: 0.2807060182094574	mean_loss: 0.0001231207133969292
Epoch: 0 step: 915	loss: 0.07453826069831848	mean_loss: 0.00039925871533341706
Epoch: 0 step: 916	loss: 0.1448432356119156	mean_loss: 0.00027560244780033827
Epoch: 0 step: 917	loss: 0.21265581250190735	mean_loss: 0.0002041528350673616
Epoch: 0 step: 918	loss: 0.015371174551546574	mean_loss: 5.536909611691954e-06
Epoch: 0 step: 919	loss: 0.015309751033782959	mean_loss: 1.1899990568053909e-05
Epoch: 0 step: 920	loss: 0.015248573385179043	mean_loss: 6.213547749212012e-06
Epoch: 0 step: 921 Epoch: 0	loss: 0.11236304044723511 loss: 0.08884114772081375	mean_loss: 6.120329635450616e-05 mean_loss: 4.674151205108501e-05
step: 922 Epoch: 0	loss: 0.016167152673006058	mean_loss: 2.173444227082655e-05
step: 923 Epoch: 0	loss: 0.01610255055129528	mean_loss: 4.700958015746437e-05
step: 924 Epoch: 0	loss: 0.016038203611969948	mean_loss: 0.00024007780302781612
step: 925 Epoch: 0	loss: 0.01597411371767521	mean_loss: 9.628380212234333e-06
step: 926 Epoch: 0	loss: 0.11294633895158768	mean_loss: 0.0003608816768974066
step: 927 Epoch: 0	loss: 0.016349248588085175	mean_loss: 2.669349851203151e-05
step: 928 Epoch: 0	loss: 0.016283918172121048	mean_loss: 1.1608975910348818e-05
step: 929 Epoch: 0 step: 930	loss: 0.016218848526477814	mean_loss: 1.4714831195306033e-05
Epoch: 0 step: 931	loss: 0.016154037788510323	mean_loss: 1.3028809917159379e-05
Epoch: 0 step: 932	loss: 0.016089484095573425	mean_loss: 1.4909734090906568e-05
Epoch: 0 step: 933	loss: 0.131294384598732	mean_loss: 0.00038848904659971595
Epoch: 0 step: 934	loss: 0.01615149714052677	mean_loss: 8.400195838476066e-06
Epoch: 0 step: 935	loss: 1.2833389043807983	mean_loss: 0.000636265380308032

Epoch: 0	loss: 0.03428162634372711	mean_loss: 4.890461059403606e-05
step: 936 Epoch: 0	loss: 0.015489640645682812	mean_loss: 8.309382792504039e-06
step: 937 Epoch: 0 step: 938	loss: 0.015427744016051292	mean_loss: 5.936943489359692e-05
Epoch: 0 step: 939	loss: 0.015366094186902046	mean_loss: 1.195772347273305e-05
Epoch: 0 step: 940	loss: 0.015304691158235073	mean_loss: 7.190915312094148e-06
Epoch: 0 step: 941	loss: 1.0767873525619507	mean_loss: 0.011334679089486599
Epoch: 0 step: 942	loss: 0.6186389923095703	mean_loss: 0.00120223977137357
Epoch: 0 step: 943	loss: 0.015036329627037048	mean_loss: 6.999383913353086e-05
Epoch: 0 step: 944	loss: 0.014976246282458305	mean_loss: 4.348624133854173e-05
Epoch: 0 step: 945	loss: 0.12991710007190704	mean_loss: 0.00018539313168730587
Epoch: 0 step: 946	loss: 0.015603659674525261	mean_loss: 7.874838956922758e-06
Epoch: 0 step: 947	loss: 0.015541307628154755	mean_loss: 7.588669177494012e-06
Epoch: 0 step: 948	loss: 0.01547920424491167	mean_loss: 0.0003366694145370275
Epoch: 0 step: 949	loss: 0.015417348593473434	mean_loss: 2.8853512048954144e-05
Epoch: 0 step: 950	loss: 0.01535574160516262	mean_loss: 7.28437271391158e-06
Epoch: 0 step: 951	loss: 0.01529437955468893	mean_loss: 1.3022692655795254e-05
Epoch: 0 step: 952	loss: 0.12797515094280243	mean_loss: 0.00011582640581764281
Epoch: 0 step: 953	loss: 0.3445183336734772	mean_loss: 0.0009416233515366912
Epoch: 0 step: 954	loss: 0.015087990090250969	_
Epoch: 0 step: 955	loss: 0.015027699060738087	_
Epoch: 0 step: 956	loss: 0.014967648312449455	_
Epoch: 0 step: 957	loss: 0.04862526059150696	mean_loss: 1.7649008441367187e-05
Epoch: 0 step: 958	loss: 0.014647996053099632	_
Epoch: 0 step: 959	loss: 0.014589463360607624	mean_loss: 1.1576801625778899e-05

Epoch: 0 step: 960	loss:	0.01453116349875927	mean_loss: 8.574728781240992e-06
Epoch: 0 step: 961	loss:	0.014473097398877144	mean_loss: 9.073729415831622e-06
Epoch: 0 step: 962	loss:	0.014415264129638672	mean_loss: 1.5183513824013062e-05
Epoch: 0 step: 963	loss:	0.01435765903443098	mean_loss: 9.242985470336862e-06
Epoch: 0 step: 964	loss:	0.014300286769866943	mean_loss: 1.4195962648955174e-05
Epoch: 0 step: 965	loss:	0.37827661633491516	mean_loss: 0.00021955356351099908
Epoch: 0 step: 966	loss:	0.015108385123312473	mean_loss: 6.02276577410521e-06
Epoch: 0 step: 967	loss:	0.5827367901802063	mean_loss: 0.0004917660844512284
Epoch: 0 step: 968	loss:	0.014187267981469631	mean_loss: 3.0773655453231186e-05
Epoch: 0 step: 969	loss:	0.014130576513707638	mean_loss: 2.1989673768985085e-05
Epoch: 0 step: 970	loss:	0.027178756892681122	mean_loss: 3.930743696400896e-05
Epoch: 0 step: 971	loss:	0.9920576214790344	mean_loss: 0.001362770446576178
Epoch: 0 step: 972	loss:	0.2437536120414734	mean_loss: 0.0005375359323807061
Epoch: 0 step: 973	loss:	0.12121883779764175	mean_loss: 0.0015412198845297098
Epoch: 0 step: 974	loss:	0.11351355165243149	mean_loss: 5.017652438255027e-05
Epoch: 0 step: 975	loss:	0.8028491139411926	mean_loss: 0.00411743251606822
Epoch: 0 step: 976	loss:	0.013029491528868675	mean_loss: 7.5106986514583696e-06
Epoch: 0 step: 977	loss:	0.21397291123867035	mean_loss: 8.823935058899224e-05
Epoch: 0 step: 978	loss:	0.012983941473066807	mean_loss: 5.379498361435253e-06
Epoch: 0 step: 979	loss:	0.11817384511232376	mean_loss: 0.0007386201759800315
Epoch: 0 step: 980	loss:	0.31914955377578735	mean_loss: 0.00019553066522348672
Epoch: 0 step: 981	loss:	0.1486150175333023	mean_loss: 0.0003468777285888791
Epoch: 0 step: 982	loss:	0.01319971214979887	mean_loss: 4.746527793031419e-06
Epoch: 0 step: 983	loss:	0.013146966695785522	mean_loss: 8.971155693870969e-06

Epoch: 0 step: 984	loss:	0.013094431720674038	mean_loss: 8.103526852210052e-06
Epoch: 0 step: 985	loss:	0.06708070635795593	mean_loss: 0.00042194221168756485
Epoch: 0 step: 986	loss:	0.013330362737178802	mean_loss: 5.22305526828859e-06
Epoch: 0 step: 987	loss:	0.19083905220031738	mean_loss: 0.00028273227508179843
Epoch: 0 step: 988	loss:	0.013182259164750576	mean_loss: 7.04235935700126e-06
Epoch: 0 step: 989	loss:	0.013129581697285175	mean_loss: 8.524740223947447e-06
Epoch: 0 step: 990		0.013077118434011936	mean_loss: 9.846232387644704e-06
Epoch: 0 step: 991		0.013024861924350262	mean_loss: 6.321390628727386e-06
Epoch: 0 step: 992		0.012972813099622726	mean_loss: 1.6704163499525748e-05
Epoch: 0 step: 993 Epoch: 0		0.01292097382247448 0.012869342230260372	mean_loss: 2.431894426990766e-05 mean_loss: 1.0465633749845438e-05
step: 994 Epoch: 0		0.012809342230200372	mean_loss: 4.82814539282117e-06
step: 995 Epoch: 0		0.012766695581376553	mean_loss: 8.694025382283144e-06
step: 996 Epoch: 0		0.2665958106517792	mean_loss: 0.00025758889387361705
step: 997 Epoch: 0		0.2609281539916992	mean_loss: 0.00045344745740294456
step: 998 Epoch: 0	loss:	0.013406231999397278	mean_loss: 0.00016902048082556576
step: 999 Epoch: 0	loss:	0.013352660462260246	mean_loss: 4.43333774455823e-05
step: 1000 Epoch: 0	loss:	0.013299303129315376	mean_loss: 1.0280151400365867e-05
step: 1001 Epoch: 0	loss:	0.013246159069240093	mean_loss: 5.85014959142427e-06
step: 1002 Epoch: 0 step: 1003	loss:	0.38376614451408386	mean_loss: 0.0002244280622107908
Epoch: 0 step: 1004	loss:	0.2272724211215973	mean_loss: 0.00011267798254266381
Epoch: 0 step: 1005	loss:	0.012928018346428871	mean_loss: 1.0759650649561081e-05
Epoch: 0 step: 1006	loss:	0.01287635788321495	mean_loss: 1.946694465004839e-05
Epoch: 0 step: 1007	loss:	0.4526185393333435	mean_loss: 0.0007083537057042122

-	_		3 004050000404044000
Epoch: 0	loss:	0.39305180311203003	mean_loss: 0.0012500322191044688
step: 1008	_		
Epoch: 0	loss:	0.4467448592185974	mean_loss: 0.00017884027329273522
step: 1009	_		
Epoch: 0	loss:	0.1161993145942688	mean_loss: 0.000200651993509382
step: 1010			
Epoch: 0	loss:	0.12568414211273193	mean_loss: 0.00042964096064679325
step: 1011	_		
Epoch: 0	loss:	0.6773110032081604	mean_loss: 0.004429677501320839
step: 1012			
Epoch: 0	loss:	0.012024340219795704	mean_loss: 1.0740221114247106e-05
step: 1013			
Epoch: 0	loss:	0.1458674967288971	mean_loss: 0.00016558256174903363
step: 1014			
Epoch: 0	loss:	0.01215021125972271	mean_loss: 4.373506271804217e-06
step: 1015			
Epoch: 0	loss:	0.18426060676574707	mean_loss: 0.00010357784776715562
step: 1016			
Epoch: 0	loss:	0.27299734950065613	mean_loss: 0.0003363311698194593
step: 1017			
Epoch: 0	loss:	0.012044928036630154	mean_loss: 8.161673576978501e-06
step: 1018			
Epoch: 0	loss:	0.011996795423328876	mean_loss: 7.992648534127511e-06
step: 1019			
Epoch: 0	loss:	0.4887823760509491	mean_loss: 0.00028517525061033666
step: 1020			
Epoch: 0	loss:	0.7392696738243103	mean_loss: 0.03215455636382103
step: 1021			
Epoch: 0	loss:	0.4970704913139343	mean_loss: 0.00039464954170398414
step: 1022			
Epoch: 0	loss:	0.1932578980922699	mean_loss: 0.00017107115127146244
step: 1023			
Epoch: 0	loss:	0.18196558952331543	mean_loss: 0.0002526167081668973
step: 1024			
Epoch: 0	loss:	0.20549090206623077	mean_loss: 0.00021566406940110028
step: 1025			
Epoch: 0	loss:	0.16099277138710022	mean_loss: 9.455039980821311e-05
step: 1026			
Epoch: 0	loss:	0.0776672512292862	mean_loss: 2.9477558200596832e-05
step: 1027			
Epoch: 0	loss:	0.4270457625389099	mean_loss: 0.0007681209244765341
step: 1028			
Epoch: 0	loss:	0.24281029403209686	mean_loss: 0.0001902956428239122
step: 1029			
Epoch: 0	loss:	0.1129378229379654	mean_loss: 9.25761996768415e-05
step: 1030			
Epoch: 0	loss:	0.3340523838996887	mean_loss: 0.00017179688438773155
step: 1031			

Epoch: 0	loss:	0.19400998950004578	mean_loss: 9.646387479733676e-05
step: 1032			_
Epoch: 0	loss:	0.14652204513549805	mean_loss: 0.00011472497135400772
step: 1033			
Epoch: 0	loss:	0.010056795552372932	mean_loss: 5.976216471026419e-06
step: 1034			
Epoch: 0	loss:	0.1798265427350998	mean_loss: 7.213498611235991e-05
step: 1035			
Epoch: 0	loss:	0.14193551242351532	mean_loss: 9.524322376819327e-05
step: 1036			
Epoch: 0	loss:	0.01028642151504755	mean_loss: 4.044279194204137e-06
step: 1037			
Epoch: 0	loss:	0.5975793600082397	mean_loss: 0.00043365993769839406
step: 1038			
Epoch: 0	loss:	0.15439695119857788	mean_loss: 0.00011051435285480693
step: 1039			
Epoch: 0	loss:	0.07388057559728622	mean_loss: 5.323100049281493e-05
step: 1040			
Epoch: 0	loss:	0.2450522929430008	mean_loss: 0.00015947008796501905
step: 1041			
Epoch: 0	loss:	0.38382139801979065	mean_loss: 0.0003771914343815297
step: 1042			
Epoch: 0	loss:	0.14471295475959778	mean_loss: 0.00010153264156542718
step: 1043			
Epoch: 0	loss:	0.05455860123038292	mean_loss: 2.5004635972436517e-05
step: 1044			
Epoch: 0	loss:	0.5475162863731384	mean_loss: 0.006152149755507708
step: 1045			
Epoch: 0	loss:	0.010134332813322544	mean_loss: 1.7818909327615984e-05
step: 1046			
Epoch: 0	loss:	0.01009383611381054	mean_loss: 1.4913945960870478e-05
step: 1047			
Epoch: 0	loss:	0.16547197103500366	mean_loss: 6.929936353117228e-05
step: 1048	_		
Epoch: 0	loss:	0.13307438790798187	mean_loss: 0.00019695812079589814
step: 1049	_	0.000500440000040	
Epoch: 0	loss:	0.08235631138086319	mean_loss: 4.5735883759334683e-05
step: 1050	_	0.000044500045055	
Epoch: 0	loss:	0.3208445608615875	mean_loss: 0.00016439052706118673
step: 1051	-	0.0400044000070000	7 5 700004400505454 00
Epoch: 0	loss:	0.010699140839278698	mean_loss: 5.708634489565156e-06
step: 1052	-	0.44007544072050400	1 0 00045057000054705000
Epoch: 0	loss:	0.14967544376850128	mean_loss: 0.00045357923954725266
step: 1053	-	0.04074455074050545	1 4 0075040404055 00
Epoch: 0	loss:	0.01071155071258545	mean_loss: 4.007584266219055e-06
step: 1054	7	0	1 0 0000407C004C0007740
Epoch: 0	TOSS:	0.5077782273292542	mean_loss: 0.0002497699169907719
step: 1055			

Epoch: 0	loss:	0.25700774788856506	mean_loss: 9.055175178218633e-05
step: 1056			
Epoch: 0	loss:	0.05817374587059021	mean_loss: 4.863463982474059e-05
step: 1057			
Epoch: 0	loss:	0.27750879526138306	mean_loss: 0.00021616622689180076
step: 1058			
Epoch: 0	loss:	0.010321596637368202	mean_loss: 4.269757937436225e-06
step: 1059			
Epoch: 0	1088.	0.21733151376247406	mean_loss: 0.0001282973971683532
step: 1060	TODD.	0.21/001010/021/100	moun_1055: 0.0001202510511000002
Epoch: 0	1000.	0.01900547556579113	mean_loss: 1.2336410691204946e-05
-	1055.	0.01900347330379113	mean_10ss. 1.2550410091204940e-05
step: 1061	7	0.04070000700004747	1 0004050004744706 05
Epoch: 0	loss:	0.010733003728091717	mean_loss: 4.2981359001714736e-05
step: 1062			
Epoch: 0	loss:	0.01069011352956295	mean_loss: 4.64435106550809e-06
step: 1063			
Epoch: 0	loss:	0.6021870374679565	mean_loss: 0.0003133151330985129
step: 1064			
Epoch: 0	loss:	0.01025647297501564	mean_loss: 4.161333890806418e-06
step: 1065			
Epoch: 0	loss:	0.07442668080329895	mean_loss: 0.0001865434751380235
step: 1066			_
Epoch: 0	loss:	0.1995101273059845	mean_loss: 8.174239337677136e-05
step: 1067		0.10001011.0000010	
Epoch: 0	1000.	0.25790852308273315	mean_loss: 0.0003856356779579073
step: 1068	TOBB.	0.20130002000210010	mcdii_10bb. 0.000000000110010010
Epoch: 0	1000.	0.15556912124156952	mean_loss: 7.059971540002152e-05
•	TOSS:	0.15556912124156952	mean_10ss: 7.059971540002152e-05
step: 1069	7	0.00000046006000700	2 0 00044705604605450007
Epoch: 0	loss:	0.22333846986293793	mean_loss: 0.00011795621685450897
step: 1070	_		
Epoch: 0	loss:	0.06004184111952782	mean_loss: 2.6654763132683e-05
step: 1071			
Epoch: 0	loss:	0.05604754760861397	mean_loss: 5.798779966426082e-05
step: 1072			
Epoch: 0	loss:	0.011002554558217525	mean_loss: 6.185985512274783e-06
step: 1073			
Epoch: 0	loss:	0.010958588682115078	mean_loss: 4.170701686234679e-06
step: 1074			
Epoch: 0	loss:	0.025373157113790512	mean_loss: 4.6649500291096047e-05
step: 1075			
Epoch: 0	loss	0.011262414045631886	mean_loss: 2.426837818347849e-05
step: 1076	_000.	1.011111010001000	
Epoch: 0	loggi	0.23881694674491882	mean_loss: 0.00054405746050179
-	TOSS.	0.20001034014431002	mean_1055. 0.00004400140000119
step: 1077	1	0 000740720464554000	moon logg, 0 0/7212020/E7/72- 05
Epoch: 0	TOSS:	0.029749732464551926	mean_loss: 2.247313932457473e-05
step: 1078	-	0.0444040040044000	1 74074000400070 05
Epoch: 0	loss:	0.01143163163214922	mean_loss: 1.748718204908073e-05
step: 1079			

Epoch: 0	loss:	0.41420093178749084	mean_loss: 0.0002106909523718059
step: 1080			
Epoch: 0	loss:	0.2856929898262024	mean_loss: 0.00033794762566685677
step: 1081			
Epoch: 0	loss:	0.16285382211208344	mean_loss: 0.0001638471585465595
step: 1082			
Epoch: 0	loss:	0.011565089225769043	mean_loss: 4.179948973614955e-06
step: 1083	_		
Epoch: 0	loss:	0.011518875136971474	mean_loss: 6.630066309298854e-06
step: 1084	_		
Epoch: 0	loss:	0.011472846381366253	mean_loss: 5.553689788939664e-06
step: 1085	_	0.00495944505405400	3 0 05444050004500 05
Epoch: 0	loss:	0.09475741535425186	mean_loss: 9.871142538031563e-05
step: 1086	_	0.044000040500007440	
Epoch: 0	loss:	0.011628319509327412	mean_loss: 1.1905615792784374e-05
step: 1087	_		7
Epoch: 0	loss:	0.19077159464359283	mean_loss: 7.686683966312557e-05
step: 1088	_		
Epoch: 0	loss:	0.011554770171642303	mean_loss: 7.070903848216403e-06
step: 1089	_		
Epoch: 0	loss:	0.02739192172884941	mean_loss: 1.328114012721926e-05
step: 1090	-	0.010001105000100507	J
Epoch: 0	loss:	0.012824135832488537	mean_loss: 5.516724286280805e-06
step: 1091	,	0.04077000467046547	J
Epoch: 0	loss:	0.01277289167046547	mean_loss: 5.555829920922406e-05
step: 1092	,	0 45000570050005055	3 0 00040604006477750
Epoch: 0	loss:	0.15809570252895355	mean_loss: 0.0001062130686477758
step: 1093	,	0.0400000000070444540	1 045040604000040 05
Epoch: 0	loss:	0.012623624876141548	mean_loss: 1.0159486919292249e-05
step: 1094	1	0.0405704707000075	1 1.00000077770719. 05
Epoch: 0	loss:	0.0125731797888875	mean_loss: 1.903682277770713e-05
step: 1095	1	0 01050002770005470	1 0 0020007040700F0- 06
Epoch: 0	loss:	0.01252293772995472	mean_loss: 8.283999704872258e-06
step: 1096	1	0 01047000500527540	man lagg. 6 0500050201401606a 05
Epoch: 0	loss:	0.01247289590537548	mean_loss: 6.0588252381421626e-05
step: 1097	1	0 01040205220200701	man lagg. 9 010001066220040a 0E
Epoch: 0	loss:	0.01242305338382721	mean_loss: 8.212921966332942e-05
step: 1098	1	0 01027241100662040	man lagg. 7 206700010210164a 06
Epoch: 0	TOSS:	0.01237341109663248	mean_loss: 7.326788818318164e-06
step: 1099 Epoch: 0	1	0 01020206011046070	man lagg. 7 775001025000514a 06
-	1088.	0.01232396811246872	mean_loss: 7.775091035000514e-06
step: 1100 Epoch: 0	1000:	0 010074700706045600	moon logg. / 500/62/11000/020c 06
-	TOSS:	0.012274720706045628	mean_loss: 4.598463419824839e-06
step: 1101 Epoch: 0	logge	0 705100006097015	maan lagg. 0 000/303505016660016
-	TOSS:	0.705190896987915	mean_loss: 0.0004302595916669816
step: 1102 Epoch: 0	logge	0.011464862152934074	maan logg. 7 /76506650000567. 06
step: 1103	TOSS:	0.011404002102904074	mean_loss: 7.476506652892567e-06
sceb. 1103			

Epoch: 0 step: 1104	loss: 0.06797928363084793	mean_loss: 2.59392436419148e-05
Epoch: 0 step: 1105	loss: 0.01158885657787323	mean_loss: 8.260878530563787e-06
Epoch: 0 step: 1106	loss: 0.011542548425495625	mean_loss: 1.6291691281367093e-05
Epoch: 0 step: 1107	loss: 0.011496424674987793	mean_loss: 6.33262743576779e-06
Epoch: 0 step: 1108	loss: 0.011450483463704586	mean_loss: 6.202932581800269e-06
Epoch: 0 step: 1109	loss: 0.03730542212724686	mean_loss: 3.982030466431752e-05
Epoch: 0 step: 1110	loss: 0.011596388183534145	mean_loss: 6.881258741486818e-06
Epoch: 0 step: 1111 Epoch: 0	loss: 0.011550049297511578 loss: 0.011503893882036209	mean_loss: 4.098202225577552e-06 mean_loss: 0.0003487270150799304
step: 1112 Epoch: 0	loss: 0.28104662895202637	mean_loss: 0.00015633074508514255
step: 1113 Epoch: 0	loss: 1.0360945463180542	mean_loss: 0.0008343404624611139
step: 1114 Epoch: 0	loss: 0.5809241533279419	mean_loss: 0.0004170311731286347
step: 1115 Epoch: 0	loss: 0.48927730321884155	mean_loss: 0.0020838056225329638
step: 1116 Epoch: 0	loss: 0.010359866544604301	mean_loss: 8.76314879860729e-06
step: 1117 Epoch: 0 step: 1118	loss: 0.13334104418754578	mean_loss: 5.003745172871277e-05
Epoch: 0 step: 1119	loss: 0.01046614907681942	mean_loss: 7.625950729561737e-06
Epoch: 0 step: 1120	loss: 0.15674743056297302	mean_loss: 0.00013798860891256481
Epoch: 0 step: 1121	loss: 0.010545523837208748	mean_loss: 6.892588771734154e-06
Epoch: 0 step: 1122	loss: 0.17304731905460358	mean_loss: 0.00010197655501542613
Epoch: 0 step: 1123	loss: 0.054183173924684525	mean_loss: 2.3819724447093904e-05
Epoch: 0 step: 1124 Epoch: 0	loss: 0.4400697350502014 loss: 0.010630578733980656	mean_loss: 0.0004956008633598685 mean_loss: 3.869975444104057e-06
step: 1125 Epoch: 0	loss: 0.16700421273708344	mean_loss: 0.00020243405015207827
step: 1126 Epoch: 0 step: 1127	loss: 0.1909179985523224	mean_loss: 0.0002722513163462281
p. 1121		

Epoch: 0 step: 1128	loss: 0.010660882107913494	mean_loss: 1.0208341336692683e-05
Epoch: 0 step: 1129	loss: 0.010618281550705433	mean_loss: 8.264766620413866e-06
Epoch: 0 step: 1130	loss: 0.010575849562883377	mean_loss: 2.484533797542099e-05
Epoch: 0 step: 1131	loss: 0.01053358893841505	mean_loss: 3.919240498362342e-06
Epoch: 0 step: 1132	loss: 0.01049149688333273	mean_loss: 4.218414687784389e-06
Epoch: 0 step: 1133	loss: 0.2103196382522583	mean_loss: 0.00018728750001173466
Epoch: 0 step: 1134	loss: 0.010408120229840279	mean_loss: 2.3286609575734474e-05
Epoch: 0 step: 1135	loss: 0.586734414100647	mean_loss: 0.0029936619102954865
Epoch: 0 step: 1136	loss: 0.06252755224704742	mean_loss: 4.1442890506004915e-05
Epoch: 0 step: 1137	loss: 0.29850926995277405	mean_loss: 0.00015224411617964506
Epoch: 0 step: 1138 Epoch: 0	loss: 0.34570857882499695 loss: 0.30221912264823914	mean_loss: 0.00013579144433606416 mean_loss: 0.00016816178685985506
step: 1139 Epoch: 0	loss: 0.19795462489128113	mean_loss: 0.000673887028824538
step: 1140 Epoch: 0	loss: 0.20895345509052277	mean_loss: 0.00016506090469192713
step: 1141 Epoch: 0	loss: 0.17553386092185974	mean_loss: 0.0013944358797743917
step: 1142 Epoch: 0	loss: 0.13556760549545288	mean_loss: 5.1181628805352375e-05
step: 1143 Epoch: 0	loss: 0.12360917776823044	mean_loss: 0.00012316768697928637
step: 1144 Epoch: 0	loss: 0.21364201605319977	mean_loss: 9.521834726911038e-05
step: 1145 Epoch: 0	loss: 0.009600861929357052	mean_loss: 1.561365570523776e-05
step: 1146 Epoch: 0	loss: 0.054394353181123734	mean_loss: 2.522483373468276e-05
step: 1147 Epoch: 0 step: 1148	loss: 0.22871161997318268	mean_loss: 0.00011814919707830995
Epoch: 0 step: 1149	loss: 0.07649458199739456	mean_loss: 3.746344009414315e-05
Epoch: 0 step: 1150	loss: 0.7010480761528015	mean_loss: 0.0005516015226021409
Epoch: 0 step: 1151	loss: 0.1558459848165512	mean_loss: 0.0002269921387778595

Epoch: 0	loss:	0.1772403120994568	mean_loss: 0.001207260531373322
step: 1152			
Epoch: 0	loss:	0.01001439057290554	mean_loss: 5.37178129889071e-06
step: 1153			
Epoch: 0	loss:	0.15980814397335052	mean_loss: 0.00041189047624357045
step: 1154			
Epoch: 0	loss:	0.01005027536302805	mean_loss: 7.559368441434344e-06
step: 1155			
Epoch: 0	loss:	0.1787787824869156	mean_loss: 0.0020789108239114285
step: 1156			
Epoch: 0	loss:	0.010275939479470253	mean_loss: 7.402546998491744e-06
step: 1157			_
Epoch: 0	loss:	0.15921704471111298	mean_loss: 0.00010523757373448461
step: 1158			-
Epoch: 0	loss:	0.01012913417071104	mean_loss: 3.70810562344559e-06
step: 1159			
Epoch: 0	loss:	0.24088242650032043	mean_loss: 0.00031905449577607214
step: 1160	TODD.	0.21000212000002010	modif_1055. 0.000010001100110011001211
Epoch: 0	loggi	0.010178430937230587	mean_loss: 7.371829724434065e-06
step: 1161	TOSS.	0.010170430937230307	mean_1055. 7.3710297244540006 00
Epoch: 0	1000.	0.43352243304252625	moon logg. 0 00006220204406724067
-	1088.	0.43332243304232023	mean_loss: 0.00026338384486734867
step: 1162	1	0 1565050631761551	1 0 000100400E9709009E3E
Epoch: 0	loss:	0.1565050631761551	mean_loss: 0.00010049258708022535
step: 1163	7	0.4000047406776504	
Epoch: 0	loss:	0.4293317496776581	mean_loss: 0.0002428915468044579
step: 1164	_		
Epoch: 0	loss:	0.33246755599975586	mean_loss: 0.002326646354049444
step: 1165	_		
Epoch: 0	loss:	0.5227198600769043	mean_loss: 0.00028706755256280303
step: 1166			
Epoch: 0	loss:	0.0610271655023098	mean_loss: 0.00028386220219545066
step: 1167			
Epoch: 0	loss:	0.00918649137020111	mean_loss: 3.945980643038638e-05
step: 1168			
Epoch: 0	loss:	0.009149781428277493	mean_loss: 3.7769179925817298e-06
step: 1169			
Epoch: 0	loss:	0.19440898299217224	mean_loss: 0.0002854812773875892
step: 1170			
Epoch: 0	loss:	0.033924832940101624	mean_loss: 3.0490475182887167e-05
step: 1171			
Epoch: 0	loss:	0.41410505771636963	mean_loss: 0.00026211110525764525
step: 1172			_
Epoch: 0	loss:	0.008850205689668655	mean_loss: 1.8672781152417883e-05
step: 1173			_
Epoch: 0	loss:	0.2274922877550125	mean_loss: 0.00016379478620365262
step: 1174			
Epoch: 0	loss	0.23075322806835175	mean_loss: 0.0003907225327566266
step: 1175	_000.	1.200.002200000110	
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Epoch: 0	loss:	0.008698910474777222	mean_loss: 1.0054903214040678e-05
step: 1176			
Epoch: 0	loss:	0.22760102152824402	mean_loss: 0.0005791630246676505
step: 1177			
Epoch: 0	loss:	0.008804265409708023	mean_loss: 7.034054760879371e-06
step: 1178			
Epoch: 0	loss:	0.008769085630774498	mean_loss: 0.00019502488430589437
step: 1179			
Epoch: 0	1088.	0.24417732656002045	mean_loss: 0.00033475665259175
step: 1180	TODD.	0.21117702000002010	modn_1055: 0:000001/00002001/0
Epoch: 0	1000.	0.10738135129213333	mean_loss: 8.241477189585567e-05
-	1055.	0.10730133129213333	mean_1055. 0.2414//10550550/e-05
step: 1181	-	0.40000406064066060	7 000004004007000 05
Epoch: 0	loss:	0.18302196264266968	mean_loss: 7.906061364337802e-05
step: 1182	_		
Epoch: 0	loss:	0.10766583681106567	mean_loss: 3.879902578773908e-05
step: 1183			
Epoch: 0	loss:	0.09903570264577866	mean_loss: 4.3818887206725776e-05
step: 1184			
Epoch: 0	loss:	0.008989821188151836	mean_loss: 1.1263889973633923e-05
step: 1185			
Epoch: 0	loss:	0.008953898213803768	mean_loss: 9.348448656965047e-06
step: 1186			<del>-</del>
Epoch: 0	loss:	0.2132306545972824	mean_loss: 0.0003807856992352754
step: 1187			
Epoch: 0	loss:	0.008881834335625172	mean_loss: 7.592311885673553e-05
step: 1188	1000.	0.0000010010000201,2	mean_1055: 1.0020110000100000 00
Epoch: 0	loggi	0.00884634256362915	mean_loss: 9.141665941569954e-06
step: 1189	1055.	0.00004004200002010	mean_1055. J.141000J4100JJJJ4e 00
Epoch: 0	1000.	0.17161494493484497	mean_loss: 0.0003232091839890927
-	TOSS:	0.17161494493464497	mean_10ss: 0.0003232091639690927
step: 1190	-	0.40000540007200065	1 0 0004 0070440007504004
Epoch: 0	loss:	0.13380540907382965	mean_loss: 0.00010373442637501284
step: 1191	_		
Epoch: 0	loss:	0.28220510482788086	mean_loss: 0.00010111348092323169
step: 1192			
Epoch: 0	loss:	0.06495298445224762	mean_loss: 0.00015058818098623306
step: 1193			
Epoch: 0	loss:	0.009244337677955627	mean_loss: 0.00018067166092805564
step: 1194			
Epoch: 0	loss:	0.23122243583202362	mean_loss: 0.0008476304356008768
step: 1195			
Epoch: 0	loss:	0.009057095274329185	mean_loss: 3.346191078890115e-05
step: 1196			_
Epoch: 0	loss	0.009020903147757053	mean_loss: 5.745155249314848e-06
step: 1197	1000.	1.00002000111101000	
Epoch: 0	logge	0.008984856307506561	mean_loss: 3.486080458969809e-06
-	TOSS.	0.00030±00000100001	mean_1055. 0.4000004005050050-00
step: 1198	1	0 17700001161070140	moon logg. 0 000030030460E3074407
Epoch: 0	TOSS:	0.17700821161270142	mean_loss: 0.00023823916853871197
step: 1199			

Epoch: 0	loss:	0.008984698913991451	mean_loss: 5.249253263173159e-06
step: 1200 Epoch: 0	loss:	0.008948796428740025	mean_loss: 3.961967195209581e-06
step: 1201 Epoch: 0	loss:	0.008913037367165089	mean_loss: 3.163178234899533e-06
step: 1202 Epoch: 0	loss:	0.17366187274456024	mean_loss: 7.312211528187618e-05
step: 1203 Epoch: 0	loss:	0.008960911072790623	mean_loss: 8.28050724521745e-06
step: 1204	1000.	0.00000011072700020	mean_1055. 0.20000/21021/100 00
Epoch: 0 step: 1205	loss:	0.008925102651119232	mean_loss: 1.0174696399189997e-05
Epoch: 0	loss:	0.04896417260169983	mean_loss: 1.804507883207407e-05
step: 1206 Epoch: 0	loss:	0.009161327965557575	mean_loss: 3.86662713935948e-06
step: 1207 Epoch: 0	loss:	0.00912471953779459	mean_loss: 6.184679023135686e-06
step: 1208			_
Epoch: 0 step: 1209	loss:	0.00908825732767582	mean_loss: 0.00014435622142627835
Epoch: 0	loss:	0.009051940403878689	mean_loss: 5.628088274534093e-06
step: 1210 Epoch: 0	loss:	0.009015768766403198	mean_loss: 4.444037767825648e-05
step: 1211	-	0.4456064750004400	1 0 007007000044005040
Epoch: 0 step: 1212	loss:	0.4456961750984192	mean_loss: 0.007307223044335842
Epoch: 0	loss:	0.00844106450676918	mean_loss: 6.154079073894536e-06
step: 1213			
Epoch: 0 step: 1214	loss:	0.008407332934439182	mean_loss: 5.766612048319075e-06
Epoch: 0	loss:	0.31714731454849243	mean_loss: 0.00011379729403415695
step: 1215			_
Epoch: 0	loss:	0.3493427038192749	mean_loss: 0.0005094117950648069
step: 1216 Epoch: 0	1.000.	0.1952447146177292	man lagg. 0 000167454245501029
step: 1217	1055.	0.1952447140177292	mean_loss: 0.000167454345501028
Epoch: 0	loss:	0.12164507806301117	mean_loss: 0.0024859700351953506
step: 1218			
Epoch: 0	loss:	0.06605397909879684	mean_loss: 0.00011291589180473238
step: 1219	_		
Epoch: 0	loss:	0.008534776046872139	mean_loss: 5.178259016247466e-06
step: 1220 Epoch: 0	loss	0.00850067101418972	mean_loss: 3.5648990888148546e-06
step: 1221	1000.	1.300000	
Epoch: 0	loss:	0.0638090968132019	mean_loss: 0.00028487792587839067
step: 1222			
Epoch: 0	loss:	0.009349919855594635	mean_loss: 5.4433883633464575e-05
step: 1223			

Epoch: 0	loss:	0.6638468503952026	mean_loss: 0.0005818591453135014
step: 1224			
Epoch: 0	loss:	0.06454569101333618	mean_loss: 0.00017138829571194947
step: 1225			
Epoch: 0	loss:	0.009753428399562836	mean_loss: 4.333981269155629e-05
step: 1226			
Epoch: 0	loss:	0.10086469352245331	mean_loss: 0.0005901054828427732
step: 1227			
Epoch: 0	loss:	0.01114744320511818	mean_loss: 9.947075159288943e-05
step: 1228			
Epoch: 0	loss:	0.40440043807029724	mean_loss: 0.00020786223467439413
step: 1229			
Epoch: 0	loss:	0.011716904118657112	mean_loss: 4.752796485263389e-06
step: 1230			
Epoch: 0	loss:	0.2593022584915161	mean_loss: 0.00039893382927402854
step: 1231			
Epoch: 0	loss:	0.011651398614048958	mean_loss: 7.55506744098966e-06
step: 1232			
Epoch: 0	loss:	0.011604840867221355	mean_loss: 9.891307854559273e-06
step: 1233			
Epoch: 0	loss:	0.011558468453586102	mean_loss: 5.5061209423001856e-06
step: 1234	_		
Epoch: 0	loss:	0.011512279510498047	mean_loss: 4.664959760702914e-06
step: 1235	_	0.04440000000404045	3 0 505500404500050 00
Epoch: 0	loss:	0.011466276831924915	mean_loss: 6.735726401529973e-06
step: 1236	_		
Epoch: 0	loss:	0.011420456692576408	mean_loss: 6.337877039186424e-06
step: 1237	_	0 4407505445000004	
Epoch: 0	loss:	0.41875654458999634	mean_loss: 0.00016377116844523698
step: 1238	-	0.040000004004005440	3 4 5446640004040044 05
Epoch: 0	loss:	0.010620621964335442	mean_loss: 1.5146619261940941e-05
step: 1239	,	0.040570404504040044	1 0 000444000400046 05
Epoch: 0	loss:	0.010578181594610214	mean_loss: 2.622111060190946e-05
step: 1240	,	0.040505000704070000	1 0 7005067047704470 06
Epoch: 0	loss:	0.010535909794270992	mean_loss: 3.7925067317701178e-06
step: 1241	1	0 010402000405060005	1 / 000407600E72001- 06
Epoch: 0	loss:	0.010493808425962925	mean_loss: 4.889427600573981e-06
step: 1242	7	0.010451076550262420	1 / 112F001F100016/- 06
Epoch: 0	TOSS:	0.010451876558363438	mean_loss: 4.113598151889164e-06
step: 1243	1	0.010410110466180022	mean loss: 1.0648491297615692e-05
Epoch: 0	TOSS:	0.010410110466182232	mean_10ss: 1.0040491297015092e-05
step: 1244 Epoch: 0	1000:	0 7500052015706742	moon logg. 0 0010007010E41270960
step: 1245	TOSS:	0.7500253915786743	mean_loss: 0.0010027219541370869
Epoch: 0	loggi	0.011136094108223915	mean_loss: 9.680075891083106e-06
step: 1246	TOSS:	0.011130034100223915	mean_1055. 3.0000/30310031006-00
Epoch: 0	1000.	0.011091594584286213	mean_loss: 2.9842136427760124e-05
step: 1247	TOSS:	0.011091094004200213	mean_1055. 2.304213042//001246-05
preh. 1741			

Epoch: 0	loss:	0.07044646143913269	mean_loss: 0.00017023261170834303
step: 1248			
Epoch: 0	loss:	0.016691749915480614	mean_loss: 6.235940418264363e-06
step: 1249			
Epoch: 0	loss:	0.5552467107772827	mean_loss: 0.000244389520958066
step: 1250			
Epoch: 0	loss:	0.00939499493688345	mean_loss: 3.568820602595224e-06
step: 1251			
Epoch: 0	1088.	0.009357452392578125	mean_loss: 6.878046406200156e-06
step: 1252	TODD.	0.000001102002010120	moun_1055: 0.0/00101002001000 00
-	1.000.	0 000320060722520000	man lagg. 2 900001610491619a 06
Epoch: 0	TOSS:	0.009320060722529888	mean_loss: 3.899221610481618e-06
step: 1253	_		
Epoch: 0	loss:	0.6939941644668579	mean_loss: 0.000357546639861539
step: 1254			
Epoch: 0	loss:	0.21783529222011566	mean_loss: 0.00010092175944009796
step: 1255			
Epoch: 0	loss:	0.316287636756897	mean_loss: 0.00020571427012328058
step: 1256			
Epoch: 0	loss:	0.314807265996933	mean_loss: 0.0001295283727813512
step: 1257			_
Epoch: 0	loss:	0.009390296414494514	mean_loss: 3.4256295293744188e-06
step: 1258			
Epoch: 0	logg.	0.009352771565318108	mean_loss: 1.755384073476307e-05
step: 1259	TOSS.	0.003002771000010100	mean_1055. 1:700004070470007e 00
_	1	0.000315307500300700	1 2 764904997206467- 06
Epoch: 0	loss:	0.009315397590398788	mean_loss: 3.764804887396167e-06
step: 1260	_		
Epoch: 0	loss:	0.03809018060564995	mean_loss: 3.817028846242465e-05
step: 1261			
Epoch: 0	loss:	0.009356657974421978	mean_loss: 9.033488458953798e-05
step: 1262			
Epoch: 0	loss:	0.00931926816701889	mean_loss: 4.470120074984152e-06
step: 1263			
Epoch: 0	loss:	0.009282028302550316	mean_loss: 6.10552160651423e-06
step: 1264			_
Epoch: 0	loss:	0.00924493744969368	mean_loss: 5.606692866422236e-06
step: 1265	TODD.	0.00021100/1100000	moun_1055. 0.0000020001222000 00
Epoch: 0	logg.	0.009207993745803833	mean_loss: 6.581142952200025e-05
step: 1266	TUSS.	0.009201993143003033	mean_1055. 0.001142902200025e 05
Epoch: 0	1	0.000171100052505005	1 1 F260401908190694- 0F
-	TOSS:	0.009171199053525925	mean_loss: 1.5369401808129624e-05
step: 1267	_		7 7 000505000400005 05
Epoch: 0	loss:	0.17842015624046326	mean_loss: 7.083585660438985e-05
step: 1268			
Epoch: 0	loss:	0.5569165349006653	mean_loss: 0.0015094508416950703
step: 1269			
Epoch: 0	loss:	0.008446667343378067	mean_loss: 1.6084197341115214e-05
step: 1270			
Epoch: 0	loss:	0.008412914350628853	mean_loss: 1.4214162547432352e-05
step: 1271			

Epoch: 0	loss:	0.008379295468330383	mean_loss: 1.793484807421919e-05
step: 1272			_
Epoch: 0	loss:	0.008345812559127808	mean_loss: 4.4370012801664416e-06
step: 1273			
Epoch: 0	loss:	0.008312462829053402	mean_loss: 4.8074565711431205e-05
step: 1274			
Epoch: 0	loss:	0.008279246278107166	mean_loss: 6.136566753411898e-06
step: 1275			
Epoch: 0	loss:	0.008246161974966526	mean_loss: 7.283581908268388e-06
step: 1276			
Epoch: 0	loss:	0.7702354192733765	mean_loss: 0.0002835945051629096
step: 1277			
Epoch: 0	loss:	0.20750963687896729	mean_loss: 0.0005541152786463499
step: 1278			
Epoch: 0	loss:	0.28375306725502014	mean_loss: 0.0001629267499083653
step: 1279	_		
Epoch: 0	loss:	0.2041924148797989	mean_loss: 7.398817979265004e-05
step: 1280	_		3 0 000000404000004 00
Epoch: 0	loss:	0.007327112834900618	mean_loss: 3.0697224246978294e-06
step: 1281	7	0.007007000045700056	J
Epoch: 0	loss:	0.007297833915799856	mean_loss: 5.9502067415451165e-06
step: 1282	1	0.007060671877680000	1 0 7062226707260707- 06
Epoch: 0	loss:	0.007268671877682209	mean_loss: 2.7063326797360787e-06
step: 1283 Epoch: 0	1000.	0.20248526334762573	mean_loss: 0.00013225863222032785
step: 1284	1088.	0.20248320334102313	mean_10ss. 0.00013223863222032783
Epoch: 0	loggi	0.26989737153053284	mean_loss: 0.0011843404499813914
step: 1285	TOSS.	0.20909131103033204	mean_1088. 0.0011040404499010914
Epoch: 0	1088.	0.007159349042922258	mean_loss: 5.389980287873186e-06
step: 1286	TODD.	0.001100010012022200	modn_1055. 0.0055002010101000 00
Epoch: 0	loss:	0.007130740210413933	mean_loss: 2.3474112822441384e-05
step: 1287			
Epoch: 0	loss:	0.007102245464920998	mean_loss: 3.118476797681069e-06
step: 1288			_
Epoch: 0	loss:	0.00707386527210474	mean_loss: 4.44534180132905e-06
step: 1289			_
Epoch: 0	loss:	0.30042389035224915	mean_loss: 0.0004405107465572655
step: 1290			
Epoch: 0	loss:	0.006943388842046261	mean_loss: 1.737388265610207e-05
step: 1291			
Epoch: 0	loss:	0.0069156428799033165	mean_loss: 6.135412695584819e-05
step: 1292			
Epoch: 0	loss:	0.4308108389377594	mean_loss: 0.0005117246764712036
step: 1293			
Epoch: 0	loss:	0.044830068945884705	mean_loss: 1.9343768144608475e-05
step: 1294			
Epoch: 0	loss:	0.041519276797771454	mean_loss: 6.993034185143188e-05
step: 1295			

Epoch: 0	loss:	0.2519298493862152	mean_loss: 0.00033510607318021357
step: 1296			
Epoch: 0	loss:	0.13490352034568787	mean_loss: 6.075410419725813e-05
step: 1297			
Epoch: 0	loss:	0.014940141700208187	mean_loss: 8.886786417861003e-06
step: 1298			
Epoch: 0	loss:	0.00794232077896595	mean_loss: 1.897662878036499e-05
step: 1299			
Epoch: 0	1088.	0.12502305209636688	mean_loss: 4.946282570017502e-05
step: 1300	TODD.	0.12002002000000	modif_1055. 1:0102020/001/0020 00
<del>-</del>	J. a.a.	0 000411601674005007	man lagg. 0 0000160E0800710900E2
Epoch: 0	TOSS:	0.008411621674895287	mean_loss: 0.00021695088071282953
step: 1301	_		7
Epoch: 0	loss:	0.43654823303222656	mean_loss: 0.00018761391402222216
step: 1302			
Epoch: 0	loss:	0.13586276769638062	mean_loss: 0.0002027576556429267
step: 1303			
Epoch: 0	loss:	0.008930901065468788	mean_loss: 3.603021013987018e-06
step: 1304			
Epoch: 0	loss:	0.008895213715732098	mean_loss: 4.063386586494744e-05
step: 1305			_
Epoch: 0	loss:	0.008859667927026749	mean_loss: 3.5374807794141816e-06
step: 1306			
Epoch: 0	loggi	0.008824264630675316	mean_loss: 7.81221388024278e-06
step: 1307	TOBB.	0.000021201000070010	medn_1055. 7.012210000212700 00
-	1000.	1 051501206221797	moon logg. 0 0000002740700077107
Epoch: 0	loss:	1.051591396331787	mean_loss: 0.0020823748782277107
Epoch: 0 step: 1308			_
Epoch: 0 step: 1308 Epoch: 0		1.051591396331787 0.0077194105833768845	mean_loss: 0.0020823748782277107 mean_loss: 2.242971459054388e-05
Epoch: 0 step: 1308 Epoch: 0 step: 1309	loss:	0.0077194105833768845	mean_loss: 2.242971459054388e-05
Epoch: 0 step: 1308 Epoch: 0 step: 1309 Epoch: 0	loss:		_
Epoch: 0 step: 1308 Epoch: 0 step: 1309 Epoch: 0 step: 1310	loss:	0.0077194105833768845 0.057335298508405685	mean_loss: 2.242971459054388e-05 mean_loss: 2.6048015570268035e-05
Epoch: 0 step: 1308 Epoch: 0 step: 1309 Epoch: 0 step: 1310 Epoch: 0	loss:	0.0077194105833768845	mean_loss: 2.242971459054388e-05
Epoch: 0 step: 1308 Epoch: 0 step: 1309 Epoch: 0 step: 1310	loss:	0.0077194105833768845 0.057335298508405685	mean_loss: 2.242971459054388e-05 mean_loss: 2.6048015570268035e-05
Epoch: 0 step: 1308 Epoch: 0 step: 1309 Epoch: 0 step: 1310 Epoch: 0	loss:	0.0077194105833768845 0.057335298508405685	mean_loss: 2.242971459054388e-05 mean_loss: 2.6048015570268035e-05
Epoch: 0 step: 1308 Epoch: 0 step: 1309 Epoch: 0 step: 1310 Epoch: 0 step: 1311	loss:	0.0077194105833768845 0.057335298508405685 0.008511308580636978	mean_loss: 2.242971459054388e-05 mean_loss: 2.6048015570268035e-05 mean_loss: 2.8363310775603168e-05
Epoch: 0 step: 1308 Epoch: 0 step: 1309 Epoch: 0 step: 1310 Epoch: 0 step: 1311 Epoch: 0 step: 1312	loss: loss: loss:	0.0077194105833768845 0.057335298508405685 0.008511308580636978 0.5030077695846558	mean_loss: 2.242971459054388e-05 mean_loss: 2.6048015570268035e-05 mean_loss: 2.8363310775603168e-05 mean_loss: 0.00025354643003083766
Epoch: 0 step: 1308 Epoch: 0 step: 1309 Epoch: 0 step: 1310 Epoch: 0 step: 1311 Epoch: 0 step: 1312 Epoch: 0	loss: loss: loss:	0.0077194105833768845 0.057335298508405685 0.008511308580636978	mean_loss: 2.242971459054388e-05 mean_loss: 2.6048015570268035e-05 mean_loss: 2.8363310775603168e-05
Epoch: 0 step: 1308 Epoch: 0 step: 1309 Epoch: 0 step: 1310 Epoch: 0 step: 1311 Epoch: 0 step: 1312 Epoch: 0 step: 1313	loss: loss: loss: loss:	0.0077194105833768845 0.057335298508405685 0.008511308580636978 0.5030077695846558 0.27023446559906006	mean_loss: 2.242971459054388e-05 mean_loss: 2.6048015570268035e-05 mean_loss: 2.8363310775603168e-05 mean_loss: 0.00025354643003083766 mean_loss: 0.00014441432722378522
Epoch: 0 step: 1308 Epoch: 0 step: 1309 Epoch: 0 step: 1310 Epoch: 0 step: 1311 Epoch: 0 step: 1312 Epoch: 0 step: 1313 Epoch: 0	loss: loss: loss: loss:	0.0077194105833768845 0.057335298508405685 0.008511308580636978 0.5030077695846558	mean_loss: 2.242971459054388e-05 mean_loss: 2.6048015570268035e-05 mean_loss: 2.8363310775603168e-05 mean_loss: 0.00025354643003083766
Epoch: 0 step: 1308 Epoch: 0 step: 1309 Epoch: 0 step: 1310 Epoch: 0 step: 1311 Epoch: 0 step: 1312 Epoch: 0 step: 1313 Epoch: 0 step: 1313	loss: loss: loss: loss: loss:	0.0077194105833768845 0.057335298508405685 0.008511308580636978 0.5030077695846558 0.27023446559906006 0.3540107011795044	mean_loss: 2.242971459054388e-05 mean_loss: 2.6048015570268035e-05 mean_loss: 2.8363310775603168e-05 mean_loss: 0.00025354643003083766 mean_loss: 0.00014441432722378522 mean_loss: 0.00018768156587611884
Epoch: 0 step: 1308 Epoch: 0 step: 1309 Epoch: 0 step: 1310 Epoch: 0 step: 1311 Epoch: 0 step: 1312 Epoch: 0 step: 1313 Epoch: 0 step: 1314 Epoch: 0	loss: loss: loss: loss: loss:	0.0077194105833768845 0.057335298508405685 0.008511308580636978 0.5030077695846558 0.27023446559906006	mean_loss: 2.242971459054388e-05 mean_loss: 2.6048015570268035e-05 mean_loss: 2.8363310775603168e-05 mean_loss: 0.00025354643003083766 mean_loss: 0.00014441432722378522
Epoch: 0 step: 1308 Epoch: 0 step: 1309 Epoch: 0 step: 1310 Epoch: 0 step: 1311 Epoch: 0 step: 1312 Epoch: 0 step: 1313 Epoch: 0 step: 1314 Epoch: 0 step: 1314	loss: loss: loss: loss: loss:	0.0077194105833768845 0.057335298508405685 0.008511308580636978 0.5030077695846558 0.27023446559906006 0.3540107011795044 0.25112637877464294	mean_loss: 2.242971459054388e-05 mean_loss: 2.6048015570268035e-05 mean_loss: 2.8363310775603168e-05 mean_loss: 0.00025354643003083766 mean_loss: 0.00014441432722378522 mean_loss: 0.00018768156587611884 mean_loss: 0.0002044866414507851
Epoch: 0 step: 1308 Epoch: 0 step: 1309 Epoch: 0 step: 1310 Epoch: 0 step: 1311 Epoch: 0 step: 1312 Epoch: 0 step: 1313 Epoch: 0 step: 1314 Epoch: 0 step: 1315 Epoch: 0	loss: loss: loss: loss: loss:	0.0077194105833768845 0.057335298508405685 0.008511308580636978 0.5030077695846558 0.27023446559906006 0.3540107011795044	mean_loss: 2.242971459054388e-05 mean_loss: 2.6048015570268035e-05 mean_loss: 2.8363310775603168e-05 mean_loss: 0.00025354643003083766 mean_loss: 0.00014441432722378522 mean_loss: 0.00018768156587611884
Epoch: 0 step: 1308 Epoch: 0 step: 1309 Epoch: 0 step: 1310 Epoch: 0 step: 1311 Epoch: 0 step: 1312 Epoch: 0 step: 1313 Epoch: 0 step: 1314 Epoch: 0 step: 1315 Epoch: 0 step: 1315	loss: loss: loss: loss: loss: loss:	0.0077194105833768845 0.057335298508405685 0.008511308580636978 0.5030077695846558 0.27023446559906006 0.3540107011795044 0.25112637877464294 0.11897020041942596	mean_loss: 2.242971459054388e-05 mean_loss: 2.6048015570268035e-05 mean_loss: 2.8363310775603168e-05 mean_loss: 0.00025354643003083766 mean_loss: 0.00014441432722378522 mean_loss: 0.00018768156587611884 mean_loss: 0.0002044866414507851 mean_loss: 0.0002248578966828063
Epoch: 0 step: 1308 Epoch: 0 step: 1309 Epoch: 0 step: 1310 Epoch: 0 step: 1311 Epoch: 0 step: 1312 Epoch: 0 step: 1313 Epoch: 0 step: 1314 Epoch: 0 step: 1315 Epoch: 0 step: 1315 Epoch: 0 step: 1316 Epoch: 0	loss: loss: loss: loss: loss: loss:	0.0077194105833768845 0.057335298508405685 0.008511308580636978 0.5030077695846558 0.27023446559906006 0.3540107011795044 0.25112637877464294	mean_loss: 2.242971459054388e-05 mean_loss: 2.6048015570268035e-05 mean_loss: 2.8363310775603168e-05 mean_loss: 0.00025354643003083766 mean_loss: 0.00014441432722378522 mean_loss: 0.00018768156587611884 mean_loss: 0.0002044866414507851
Epoch: 0 step: 1308 Epoch: 0 step: 1309 Epoch: 0 step: 1310 Epoch: 0 step: 1311 Epoch: 0 step: 1312 Epoch: 0 step: 1313 Epoch: 0 step: 1314 Epoch: 0 step: 1315 Epoch: 0 step: 1315 Epoch: 0 step: 1316 Epoch: 0 step: 1316	loss: loss: loss: loss: loss: loss: loss:	0.0077194105833768845 0.057335298508405685 0.008511308580636978 0.5030077695846558 0.27023446559906006 0.3540107011795044 0.25112637877464294 0.11897020041942596 0.008961832150816917	mean_loss: 2.242971459054388e-05 mean_loss: 2.6048015570268035e-05 mean_loss: 2.8363310775603168e-05 mean_loss: 0.00025354643003083766 mean_loss: 0.00014441432722378522 mean_loss: 0.00018768156587611884 mean_loss: 0.0002044866414507851 mean_loss: 0.0002248578966828063 mean_loss: 7.349352017627098e-06
Epoch: 0 step: 1308 Epoch: 0 step: 1309 Epoch: 0 step: 1310 Epoch: 0 step: 1311 Epoch: 0 step: 1312 Epoch: 0 step: 1313 Epoch: 0 step: 1314 Epoch: 0 step: 1315 Epoch: 0 step: 1315 Epoch: 0 step: 1317 Epoch: 0	loss: loss: loss: loss: loss: loss: loss:	0.0077194105833768845 0.057335298508405685 0.008511308580636978 0.5030077695846558 0.27023446559906006 0.3540107011795044 0.25112637877464294 0.11897020041942596	mean_loss: 2.242971459054388e-05 mean_loss: 2.6048015570268035e-05 mean_loss: 2.8363310775603168e-05 mean_loss: 0.00025354643003083766 mean_loss: 0.00014441432722378522 mean_loss: 0.00018768156587611884 mean_loss: 0.0002044866414507851 mean_loss: 0.0002248578966828063
Epoch: 0 step: 1308 Epoch: 0 step: 1309 Epoch: 0 step: 1310 Epoch: 0 step: 1311 Epoch: 0 step: 1312 Epoch: 0 step: 1313 Epoch: 0 step: 1314 Epoch: 0 step: 1315 Epoch: 0 step: 1315 Epoch: 0 step: 1317 Epoch: 0 step: 1317 Epoch: 0 step: 1317	loss: loss: loss: loss: loss: loss: loss:	0.0077194105833768845 0.057335298508405685 0.008511308580636978 0.5030077695846558 0.27023446559906006 0.3540107011795044 0.25112637877464294 0.11897020041942596 0.008961832150816917 0.008926020003855228	mean_loss: 2.242971459054388e-05 mean_loss: 2.6048015570268035e-05 mean_loss: 2.8363310775603168e-05 mean_loss: 0.00025354643003083766 mean_loss: 0.00014441432722378522 mean_loss: 0.00018768156587611884 mean_loss: 0.0002044866414507851 mean_loss: 0.0002248578966828063 mean_loss: 7.349352017627098e-06 mean_loss: 3.501908622638439e-06
Epoch: 0 step: 1308 Epoch: 0 step: 1309 Epoch: 0 step: 1310 Epoch: 0 step: 1311 Epoch: 0 step: 1312 Epoch: 0 step: 1313 Epoch: 0 step: 1314 Epoch: 0 step: 1315 Epoch: 0 step: 1315 Epoch: 0 step: 1317 Epoch: 0	loss: loss: loss: loss: loss: loss: loss:	0.0077194105833768845 0.057335298508405685 0.008511308580636978 0.5030077695846558 0.27023446559906006 0.3540107011795044 0.25112637877464294 0.11897020041942596 0.008961832150816917	mean_loss: 2.242971459054388e-05 mean_loss: 2.6048015570268035e-05 mean_loss: 2.8363310775603168e-05 mean_loss: 0.00025354643003083766 mean_loss: 0.00014441432722378522 mean_loss: 0.00018768156587611884 mean_loss: 0.0002044866414507851 mean_loss: 0.0002248578966828063 mean_loss: 7.349352017627098e-06

Epoch: 0	loss:	0.1667277067899704	mean_loss: 0.0001610416074981913
step: 1320			
Epoch: 0	loss:	0.009919194504618645	mean_loss: 3.865121016133344e-06
step: 1321			
Epoch: 0	loss:	0.00987955741584301	mean_loss: 3.71557216567453e-05
step: 1322			
Epoch: 0	loss:	0.009840079583227634	mean_loss: 5.8688269746198785e-06
step: 1323			
Epoch: 0	loss:	1.1409738063812256	mean_loss: 0.0005780038773082197
step: 1324			
Epoch: 0	loss:	0.009626961313188076	mean_loss: 1.2885057003586553e-05
step: 1325			
Epoch: 0	loss:	0.009588493034243584	mean_loss: 1.0727796507126186e-05
step: 1326			_
Epoch: 0	loss:	0.20204991102218628	mean_loss: 7.545206608483568e-05
step: 1327			-
Epoch: 0	loss:	0.3729001581668854	mean_loss: 0.0008796594920568168
step: 1328			
Epoch: 0	logg.	0.7311415076255798	mean_loss: 0.003978375811129808
step: 1329	TOBB.	0.7011110070200700	medii_1055. 0.00070070011123000
Epoch: 0	loggi	0.009624110534787178	mean_loss: 3.134213329758495e-05
step: 1330	TOSS.	0.009024110304707170	mean_1055. 3.1342133297304336 03
Epoch: 0	1000.	0.009585653431713581	mean_loss: 6.385786946339067e-06
•	1088.	0.009383033431713381	mean_10ss. 0.303700940339007e-00
step: 1331	1	0.000547349134910646	moon logg. / 90192E0296079EE. 06
Epoch: 0	TOSS:	0.009547348134219646	mean_loss: 4.891825028607855e-06
step: 1332	-	0.0074570000470005	0.0004050005400070475
Epoch: 0	loss:	0.20745790004730225	mean_loss: 0.0001858985488070175
step: 1333	_		
Epoch: 0	loss:	0.18905797600746155	mean_loss: 0.0001112544778152369
step: 1334	_		
Epoch: 0	loss:	0.24041426181793213	mean_loss: 9.02196261449717e-05
step: 1335			
Epoch: 0	loss:	0.2842635214328766	mean_loss: 0.00034013602999038994
step: 1336			
Epoch: 0	loss:	0.20186477899551392	mean_loss: 9.555997530696914e-05
step: 1337			
Epoch: 0	loss:	0.059499651193618774	mean_loss: 9.982447954826057e-05
step: 1338			
Epoch: 0	loss:	0.009777477011084557	mean_loss: 1.0048120202554855e-05
step: 1339			
Epoch: 0	loss:	0.009738406166434288	mean_loss: 5.6349445003434084e-06
step: 1340			
Epoch: 0	loss:	0.00969949085265398	mean_loss: 3.553689339241828e-06
step: 1341			
Epoch: 0	loss:	0.12841105461120605	mean_loss: 4.952356539433822e-05
step: 1342			_
Epoch: 0	loss:	0.9007138609886169	mean_loss: 0.0003382513823453337
step: 1343			<del>-</del>
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Epoch: 0	loss:	0.009372426196932793	mean_loss: 4.415951934788609e-06
step: 1344 Epoch: 0 step: 1345	loss:	0.009334973990917206	mean_loss: 7.982384704519063e-05
Epoch: 0 step: 1346	loss:	0.009297671727836132	mean_loss: 6.422941805794835e-05
Epoch: 0 step: 1347	loss:	0.009260518476366997	mean_loss: 4.2327501432737336e-06
Epoch: 0 step: 1348	loss:	0.11579969525337219	mean_loss: 5.465027061291039e-05
Epoch: 0 step: 1349	loss:	0.009297309443354607	mean_loss: 3.4611248338478617e-06
Epoch: 0 step: 1350	loss:	0.00926015805453062	mean_loss: 8.39095901028486e-06
Epoch: 0 step: 1351		0.009223154745995998	mean_loss: 1.964158764167223e-05
Epoch: 0 step: 1352		0.009186298586428165	mean_loss: 5.154501650395105e-06
Epoch: 0 step: 1353		0.4641074240207672	mean_loss: 0.00016492985014338046
Epoch: 0 step: 1354		0.04664017632603645	mean_loss: 4.282260488253087e-05
Epoch: 0 step: 1355 Epoch: 0		0.009077092632651329 0.00904082041233778	mean_loss: 9.092636901186779e-06 mean_loss: 7.298316631931812e-05
step: 1356 Epoch: 0		0.00904082041233778	mean_loss: 5.009754659113241e-06
step: 1357 Epoch: 0		0.31452441215515137	mean_loss: 0.00022908188111614436
step: 1358 Epoch: 0		0.2273576557636261	mean_loss: 0.00025542842922732234
step: 1359 Epoch: 0		0.008879942819476128	mean_loss: 5.092179890198167e-06
step: 1360 Epoch: 0	loss:	0.008844458498060703	mean_loss: 2.5429744709981605e-05
step: 1361 Epoch: 0	loss:	0.00880911573767662	mean_loss: 3.591278755266103e-06
step: 1362 Epoch: 0	loss:	0.42793983221054077	mean_loss: 0.00025548861594870687
step: 1363 Epoch: 0	loss:	0.20401108264923096	mean_loss: 0.00020993482030462474
step: 1364 Epoch: 0	loss:	0.008440202102065086	mean_loss: 0.00020116598170716316
step: 1365 Epoch: 0 step: 1366	loss:	0.11810483783483505	mean_loss: 8.604073082096875e-05
Epoch: 0 step: 1367	loss:	0.008472349494695663	mean_loss: 8.301058187498711e-06
1			

Epoch: 0	loss:	0.25916558504104614	mean_loss: 0.0001697275001788512
step: 1368	_		
Epoch: 0	loss:	0.24123655259609222	mean_loss: 0.00011735842417692766
step: 1369	_		
Epoch: 0	loss:	0.008756592869758606	mean_loss: 4.532150796876522e-06
step: 1370	-	0.000704600440007700	1 0 000000704670604 00
Epoch: 0	loss:	0.008721602149307728	mean_loss: 3.936009761673631e-06
step: 1371	1	0 000606750105000467	moon logg. E 26070E6204E78946 06
Epoch: 0	TOSS:	0.008686750195920467	mean_loss: 5.260705620457884e-06
step: 1372 Epoch: 0	1000.	0 0500200006026070	moon logg. 0 000210E001040047E42
step: 1373	1088.	0.2528309226036072	mean_loss: 0.0023195981048047543
Epoch: 0	logge	0.36962467432022095	mean_loss: 0.00014472540351562202
step: 1374	TOSS.	0.30302407432022033	mean_1055. 0.00014472040501502202
Epoch: 0	lossi	0.21712663769721985	mean_loss: 0.0001253006630577147
step: 1375	TOBB.	0.21712000703721300	medii_1055. 0.000120000000077117
Epoch: 0	loss:	0.055190011858940125	mean_loss: 0.00010536250192672014
step: 1376	1000.	0.000100011000010120	modn_1055. 0.000100002001020\2011
Epoch: 0	loss:	0.17635661363601685	mean_loss: 0.00013368332292884588
step: 1377			
Epoch: 0	loss:	0.0733535885810852	mean_loss: 6.373570795403793e-05
step: 1378			<del>-</del>
Epoch: 0	loss:	0.02855662629008293	mean_loss: 2.8563235900946893e-05
step: 1379			<del>-</del>
Epoch: 0	loss:	0.5308783054351807	mean_loss: 0.0017756081651896238
step: 1380			
Epoch: 0	loss:	0.18417106568813324	mean_loss: 0.00024180320906452835
step: 1381			
Epoch: 0	loss:	0.008950663730502129	mean_loss: 4.835595518670743e-06
step: 1382			
Epoch: 0	loss:	0.13895635306835175	mean_loss: 6.554773426614702e-05
step: 1383			
Epoch: 0	loss:	0.154892235994339	mean_loss: 0.00024872837821021676
step: 1384			
Epoch: 0	loss:	0.009161574766039848	mean_loss: 5.522478204511572e-06
step: 1385			
Epoch: 0	loss:	0.009124964475631714	mean_loss: 5.797134690510575e-06
step: 1386			
Epoch: 0	loss:	0.009088501334190369	mean_loss: 1.2845054698118474e-05
step: 1387			
Epoch: 0	loss:	0.009052183479070663	mean_loss: 4.310522399464389e-06
step: 1388			
Epoch: 0	loss:	0.009016011841595173	mean_loss: 7.87801036494784e-06
step: 1389	_	0.0000000000000000000000000000000000000	
Epoch: 0	loss:	0.008979982696473598	mean_loss: 6.913739071023883e-06
step: 1390	-	0.0000440007000000	1 0 445500450777745
Epoch: 0	loss:	0.008944099768996239	mean_loss: 3.115563458777615e-06
step: 1391			

Epoch: 0	loss:	0.1818726509809494	mean_loss: 0.004133540205657482
step: 1392 Epoch: 0	loss:	0.010272921063005924	mean_loss: 3.637995177996345e-05
step: 1393 Epoch: 0	loss:	0.010231871157884598	mean_loss: 6.104786734795198e-06
step: 1394 Epoch: 0	loss:	0.01574527472257614	mean_loss: 8.169801731128246e-06
step: 1395 Epoch: 0	loss:	0.18154840171337128	mean_loss: 9.48076049098745e-05
step: 1396 Epoch: 0	loss:	0.009694915264844894	mean_loss: 4.1272019188909326e-06
step: 1397 Epoch: 0	loss:	0.10118195414543152	mean_loss: 7.948631537146866e-05
step: 1398 Epoch: 0	loss:	0.2254406362771988	mean_loss: 0.0008809379651211202
step: 1399 Epoch: 0	loss:	0.21025484800338745	mean_loss: 0.00010150759044336155
step: 1400 Epoch: 0	loss:	0.00953600648790598	mean_loss: 8.308202086482197e-05
step: 1401 Epoch: 0	loss:	0.1980704665184021	mean_loss: 9.342459088657051e-05
step: 1402 Epoch: 0	loss:	0.5373499989509583	mean_loss: 0.00018930729129351676
step: 1403 Epoch: 0	loss:	0.44233080744743347	mean_loss: 0.0004385729553177953
step: 1404 Epoch: 0	loss:	0.22948917746543884	mean_loss: 0.00024356752692256123
step: 1405 Epoch: 0	loss:	0.00863602664321661	mean_loss: 4.9801428758655675e-06
step: 1406 Epoch: 0	loss:	0.21422801911830902	mean_loss: 9.992210834752768e-05
step: 1407 Epoch: 0	loss:	0.1817520260810852	mean_loss: 0.00010659551480785012
step: 1408 Epoch: 0	loss:	0.2312624454498291	mean_loss: 9.378558752359822e-05
step: 1409 Epoch: 0	loss:	0.3577866852283478	mean_loss: 0.00013220556138549
step: 1410 Epoch: 0 step: 1411	loss:	0.008573380298912525	mean_loss: 6.204979399626609e-06
Epoch: 0 step: 1412	loss:	0.10540635138750076	mean_loss: 0.00012102475011488423
Epoch: 0	loss:	0.00848494190722704	mean_loss: 5.492001491802512e-06
step: 1413 Epoch: 0	loss:	0.10908954590559006	mean_loss: 3.886534977937117e-05
step: 1414 Epoch: 0 step: 1415	loss:	0.008366933092474937	mean_loss: 1.2094673365936615e-05
step. 1413			

Epoch: 0	loss:	0.0887429490685463	mean_loss: 6.254759500734508e-05
step: 1416 Epoch: 0 step: 1417	loss:	0.0671716257929802	mean_loss: 3.690130324685015e-05
Epoch: 0 step: 1418	loss:	0.03564219921827316	mean_loss: 4.351109964773059e-05
Epoch: 0 step: 1419	loss:	0.163773775100708	mean_loss: 0.00010348533396609128
Epoch: 0 step: 1420	loss:	0.008254390209913254	mean_loss: 1.160816100309603e-05
Epoch: 0 step: 1421	loss:	0.09119710326194763	mean_loss: 6.821893475716934e-05
Epoch: 0 step: 1422	loss:	0.008597730658948421	mean_loss: 1.2972978765901644e-05
Epoch: 0 step: 1423	loss:	0.17624817788600922	mean_loss: 8.691378752700984e-05
Epoch: 0 step: 1424		0.028561638668179512	mean_loss: 1.3111464795656502e-05
Epoch: 0 step: 1425		0.554996907711029	mean_loss: 0.00034515548031777143
Epoch: 0 step: 1426		0.2851109504699707	mean_loss: 0.00013483990915119648
Epoch: 0 step: 1427		0.007760220672935247	mean_loss: 2.789774225675501e-05
Epoch: 0 step: 1428		0.007729210890829563	mean_loss: 2.372204471612349e-05
Epoch: 0 step: 1429 Epoch: 0		0.007698324974626303 0.007667561527341604	mean_loss: 2.709490217966959e-05 mean_loss: 4.0370705391978845e-06
step: 1430 Epoch: 0		0.007636922411620617	mean_loss: 3.429515118114068e-06
step: 1431 Epoch: 0			mean_loss: 0.0010230566840618849
step: 1432 Epoch: 0		0.377856969833374	mean loss: 0.0002539410488680005
step: 1433 Epoch: 0		0.01733739674091339	mean_loss: 1.2073671314283274e-05
step: 1434 Epoch: 0	loss:	0.2699984610080719	mean_loss: 0.00025281886337324977
step: 1435 Epoch: 0	loss:	0.3352210521697998	mean_loss: 0.0001477858459111303
step: 1436 Epoch: 0	loss:	0.2928347885608673	mean_loss: 0.0003359891998115927
step: 1437 Epoch: 0	loss:	0.29905974864959717	mean_loss: 0.0002943910949397832
step: 1438 Epoch: 0 step: 1439	loss:	0.20274625718593597	mean_loss: 0.0002020304964389652

Epoch: 0	loss:	0.19847330451011658	mean_loss: 0.0005549590568989515
step: 1440			
Epoch: 0	loss:	0.31422510743141174	mean_loss: 0.00014806211402174085
step: 1441			
Epoch: 0	loss:	0.20882001519203186	mean_loss: 8.80607112776488e-05
step: 1442			
Epoch: 0	loss:	0.20716549456119537	mean_loss: 0.0001457479374948889
step: 1443			
Epoch: 0	loss:	0.11206568777561188	mean_loss: 7.770874799462035e-05
step: 1444			
Epoch: 0	loss:	0.19452489912509918	mean_loss: 0.0003179781197104603
step: 1445			_
Epoch: 0	loss:	0.13482004404067993	mean_loss: 0.0001185421206173487
step: 1446			
Epoch: 0	loss:	0.050259530544281006	mean_loss: 6.242636300157756e-05
step: 1447	1000.	0.00020000011201000	moun_1055. 0.2120000001011000 00
Epoch: 0	1099.	0.37737706303596497	mean_loss: 0.00013119203504174948
step: 1448	1055.	0.37737700303330437	mean_1055. 0.00010113203004174340
Epoch: 0	1000.	0.005666280630975962	mean_loss: 2.0285069695091806e-06
step: 1449	1055.	0.003000280030913902	mean_10ss. 2.02030090930091000e-00
-	1	0.1064053011304474	
Epoch: 0	loss:	0.1264953911304474	mean_loss: 5.521493585547432e-05
step: 1450	7	0.4074050400705746	3 0000000000000000000000000000000000000
Epoch: 0	loss:	0.4971958100795746	mean_loss: 0.00028220831882208586
step: 1451	_		
Epoch: 0	loss:	0.07267746329307556	mean_loss: 0.00015792135673109442
step: 1452	_		
Epoch: 0	loss:	0.005783510860055685	mean_loss: 7.272255061252508e-06
step: 1453			
Epoch: 0	loss:	0.09602724015712738	mean_loss: 0.00014594910317100585
step: 1454			
Epoch: 0	loss:	0.07119255512952805	mean_loss: 3.0151522878441028e-05
step: 1455			
Epoch: 0	loss:	0.42749515175819397	mean_loss: 0.0002443001721985638
step: 1456			
Epoch: 0	loss:	0.006168477237224579	mean_loss: 4.4317744141153526e-06
step: 1457			
Epoch: 0	loss:	0.207790806889534	mean_loss: 0.00015730145969428122
step: 1458			
Epoch: 0	loss:	0.011532453820109367	mean_loss: 1.3451962331600953e-05
step: 1459			
Epoch: 0	loss:	0.3328944146633148	mean_loss: 0.0002332921139895916
step: 1460			_
Epoch: 0	loss:	0.006389710120856762	mean_loss: 2.709902673814213e-06
step: 1461	_555.		
Epoch: 0	loss	0.19874632358551025	mean_loss: 7.320406439248472e-05
step: 1462	1000.	1.100, 100200001020	
Epoch: 0	1000.	0.6521425843238831	mean_loss: 0.0002538792323321104
step: 1463	1000.	0.0021120010200001	
20eh. 1400			

Epoch: 0 step: 1464	loss:	0.26756760478019714	mean_loss: 0.00015598222671542317
Epoch: 0 step: 1465	loss:	0.005237164441496134	mean_loss: 2.1116470634297e-06
Epoch: 0 step: 1466	loss:	0.06206194683909416	mean_loss: 0.00010091716831084341
Epoch: 0 step: 1467	loss:	0.2603594958782196	mean_loss: 0.000330114591633901
Epoch: 0 step: 1468	loss:	0.12849554419517517	mean_loss: 5.486612644745037e-05
Epoch: 0 step: 1469	loss:	0.46503037214279175	mean_loss: 0.002541449386626482
Epoch: 0 step: 1470	loss:	0.0593523308634758	mean_loss: 2.313786171725951e-05
Epoch: 0 step: 1471	loss:	0.005816956516355276	mean_loss: 3.9195265344460495e-06
Epoch: 0 step: 1472	loss:	0.1725844442844391	mean_loss: 0.000731306616216898
Epoch: 0 step: 1473	loss:	0.12745824456214905	mean_loss: 0.00026322290068492293
Epoch: 0 step: 1474	loss:	0.006069093942642212	mean_loss: 3.653962494354346e-06
Epoch: 0 step: 1475	loss:	0.006044841837137937	mean_loss: 1.884266566776205e-05
Epoch: 0 step: 1476	loss:	0.2060864418745041	mean_loss: 8.64535613800399e-05
Epoch: 0 step: 1477	loss:	0.22064483165740967	mean_loss: 0.00020287802908569574
Epoch: 0 step: 1478	loss:	0.005917674396187067	mean_loss: 4.2123551793338265e-06
Epoch: 0 step: 1479	loss:	0.301615446805954	mean_loss: 0.005200338549911976
Epoch: 0 step: 1480	loss:	0.4126881957054138	mean_loss: 0.0002838916552718729
Epoch: 0 step: 1481	loss:	0.1102878674864769	mean_loss: 4.70118029625155e-05
Epoch: 0 step: 1482	loss:	0.20698712766170502	mean_loss: 0.02070341445505619
Epoch: 0 step: 1483	loss:	0.18865461647510529	mean_loss: 9.5859904831741e-05
Epoch: 0 step: 1484	loss:	0.12885549664497375	mean_loss: 6.229533755686134e-05
Epoch: 0 step: 1485	loss:	0.2761329412460327	mean_loss: 0.00018004904268309474
Epoch: 0 step: 1486	loss:	0.2481721043586731	mean_loss: 8.853909093886614e-05
Epoch: 0 step: 1487	loss:	0.005417602136731148	mean_loss: 2.3591007902723504e-06

Epoch: 0	loss:	0.03308430686593056	mean_loss: 0.0006242766976356506
step: 1488			<del>-</del>
Epoch: 0	loss:	0.07249616086483002	mean_loss: 3.6670229746960104e-05
step: 1489			
Epoch: 0	loss:	0.24080318212509155	mean_loss: 0.0001649588084546849
step: 1490			
Epoch: 0	loss:	0.27358707785606384	mean_loss: 0.00012270372826606035
step: 1491			
Epoch: 0	loss:	0.028378978371620178	mean_loss: 3.87251129723154e-05
step: 1492			
Epoch: 0	loss:	0.36399567127227783	mean_loss: 0.028002645820379257
step: 1493			
Epoch: 0	loss:	0.03569282591342926	mean_loss: 6.0317684983601794e-05
step: 1494			
Epoch: 0	loss:	0.008610708639025688	mean_loss: 7.832905794202816e-06
step: 1495			
Epoch: 0	loss:	0.08867374062538147	mean_loss: 3.158175604767166e-05
step: 1496			
Epoch: 0	loss:	0.007047766353935003	mean_loss: 4.2983292587450705e-06
step: 1497			
Epoch: 0	loss:	0.007019604090601206	mean_loss: 1.5105167221918236e-05
step: 1498			
Epoch: 0	loss:	0.006991553120315075	mean_loss: 1.429930216545472e-05
step: 1499			
Epoch: 0	loss:	0.85282301902771 me	an_loss: 0.0009539567399770021
step: 1500			
step. 1500			
Epoch: 0	loss:	0.28973162174224854	mean_loss: 0.0002497298701200634
-	loss:	0.28973162174224854	mean_loss: 0.0002497298701200634
Epoch: 0		0.28973162174224854 0.06304419040679932	mean_loss: 0.0002497298701200634 mean_loss: 9.349175525130704e-05
Epoch: 0 step: 1501			_
Epoch: 0 step: 1501 Epoch: 0	loss:		_
Epoch: 0 step: 1501 Epoch: 0 step: 1502	loss:	0.06304419040679932	mean_loss: 9.349175525130704e-05
Epoch: 0 step: 1501 Epoch: 0 step: 1502 Epoch: 0	loss:	0.06304419040679932	mean_loss: 9.349175525130704e-05
Epoch: 0 step: 1501 Epoch: 0 step: 1502 Epoch: 0 step: 1503	loss:	0.06304419040679932 0.0064568123780190945	mean_loss: 9.349175525130704e-05 mean_loss: 5.069894996267976e-06
Epoch: 0 step: 1501 Epoch: 0 step: 1502 Epoch: 0 step: 1503 Epoch: 0	loss:	0.06304419040679932 0.0064568123780190945	mean_loss: 9.349175525130704e-05 mean_loss: 5.069894996267976e-06
Epoch: 0 step: 1501 Epoch: 0 step: 1502 Epoch: 0 step: 1503 Epoch: 0 step: 1504	loss:	0.06304419040679932 0.0064568123780190945 0.24160358309745789	mean_loss: 9.349175525130704e-05  mean_loss: 5.069894996267976e-06  mean_loss: 0.00017123221186921
Epoch: 0 step: 1501 Epoch: 0 step: 1502 Epoch: 0 step: 1503 Epoch: 0 step: 1504 Epoch: 0	loss: loss: loss:	0.06304419040679932 0.0064568123780190945 0.24160358309745789	mean_loss: 9.349175525130704e-05  mean_loss: 5.069894996267976e-06  mean_loss: 0.00017123221186921
Epoch: 0 step: 1501 Epoch: 0 step: 1502 Epoch: 0 step: 1503 Epoch: 0 step: 1504 Epoch: 0 step: 1505	loss: loss: loss:	0.06304419040679932 0.0064568123780190945 0.24160358309745789 0.006458789110183716	mean_loss: 9.349175525130704e-05  mean_loss: 5.069894996267976e-06  mean_loss: 0.00017123221186921  mean_loss: 1.78706777660409e-05
Epoch: 0 step: 1501 Epoch: 0 step: 1502 Epoch: 0 step: 1503 Epoch: 0 step: 1504 Epoch: 0 step: 1505 Epoch: 0	loss: loss: loss: loss:	0.06304419040679932 0.0064568123780190945 0.24160358309745789 0.006458789110183716	mean_loss: 9.349175525130704e-05  mean_loss: 5.069894996267976e-06  mean_loss: 0.00017123221186921  mean_loss: 1.78706777660409e-05
Epoch: 0 step: 1501 Epoch: 0 step: 1502 Epoch: 0 step: 1503 Epoch: 0 step: 1504 Epoch: 0 step: 1505 Epoch: 0 step: 1506	loss: loss: loss: loss:	0.06304419040679932 0.0064568123780190945 0.24160358309745789 0.006458789110183716 0.00643297890201211	mean_loss: 9.349175525130704e-05  mean_loss: 5.069894996267976e-06  mean_loss: 0.00017123221186921  mean_loss: 1.78706777660409e-05  mean_loss: 3.481300382190966e-06
Epoch: 0 step: 1501 Epoch: 0 step: 1502 Epoch: 0 step: 1503 Epoch: 0 step: 1504 Epoch: 0 step: 1505 Epoch: 0 step: 1506 Epoch: 0	loss: loss: loss: loss: loss:	0.06304419040679932 0.0064568123780190945 0.24160358309745789 0.006458789110183716 0.00643297890201211	mean_loss: 9.349175525130704e-05  mean_loss: 5.069894996267976e-06  mean_loss: 0.00017123221186921  mean_loss: 1.78706777660409e-05  mean_loss: 3.481300382190966e-06
Epoch: 0 step: 1501 Epoch: 0 step: 1502 Epoch: 0 step: 1503 Epoch: 0 step: 1504 Epoch: 0 step: 1505 Epoch: 0 step: 1506 Epoch: 0 step: 1507	loss: loss: loss: loss: loss:	0.06304419040679932 0.0064568123780190945 0.24160358309745789 0.006458789110183716 0.00643297890201211 0.042209308594465256	<pre>mean_loss: 9.349175525130704e-05   mean_loss: 5.069894996267976e-06 mean_loss: 0.00017123221186921   mean_loss: 1.78706777660409e-05 mean_loss: 3.481300382190966e-06   mean_loss: 2.0343513824627735e-05</pre>
Epoch: 0 step: 1501 Epoch: 0 step: 1502 Epoch: 0 step: 1503 Epoch: 0 step: 1504 Epoch: 0 step: 1505 Epoch: 0 step: 1506 Epoch: 0 step: 1507 Epoch: 0 step: 1507 Epoch: 0 step: 1508 Epoch: 0	loss: loss: loss: loss: loss:	0.06304419040679932 0.0064568123780190945 0.24160358309745789 0.006458789110183716 0.00643297890201211 0.042209308594465256	<pre>mean_loss: 9.349175525130704e-05   mean_loss: 5.069894996267976e-06 mean_loss: 0.00017123221186921   mean_loss: 1.78706777660409e-05 mean_loss: 3.481300382190966e-06   mean_loss: 2.0343513824627735e-05</pre>
Epoch: 0 step: 1501 Epoch: 0 step: 1502 Epoch: 0 step: 1503 Epoch: 0 step: 1504 Epoch: 0 step: 1505 Epoch: 0 step: 1506 Epoch: 0 step: 1507 Epoch: 0 step: 1508 Epoch: 0 step: 1508 Epoch: 0 step: 1508	loss: loss: loss: loss: loss: loss:	0.06304419040679932 0.0064568123780190945 0.24160358309745789 0.006458789110183716 0.00643297890201211 0.042209308594465256 0.19835855066776276 0.44187062978744507	mean_loss: 9.349175525130704e-05  mean_loss: 5.069894996267976e-06  mean_loss: 0.00017123221186921  mean_loss: 1.78706777660409e-05  mean_loss: 3.481300382190966e-06  mean_loss: 2.0343513824627735e-05  mean_loss: 7.102717063389719e-05  mean_loss: 0.0003732615150511265
Epoch: 0 step: 1501 Epoch: 0 step: 1502 Epoch: 0 step: 1503 Epoch: 0 step: 1504 Epoch: 0 step: 1505 Epoch: 0 step: 1506 Epoch: 0 step: 1507 Epoch: 0 step: 1508 Epoch: 0 step: 1508 Epoch: 0 step: 1509 Epoch: 0	loss: loss: loss: loss: loss: loss:	0.06304419040679932 0.0064568123780190945 0.24160358309745789 0.006458789110183716 0.00643297890201211 0.042209308594465256 0.19835855066776276	mean_loss: 9.349175525130704e-05  mean_loss: 5.069894996267976e-06  mean_loss: 0.00017123221186921  mean_loss: 1.78706777660409e-05  mean_loss: 3.481300382190966e-06  mean_loss: 2.0343513824627735e-05  mean_loss: 7.102717063389719e-05
Epoch: 0 step: 1501 Epoch: 0 step: 1502 Epoch: 0 step: 1503 Epoch: 0 step: 1504 Epoch: 0 step: 1505 Epoch: 0 step: 1506 Epoch: 0 step: 1507 Epoch: 0 step: 1508 Epoch: 0 step: 1508 Epoch: 0 step: 1509 Epoch: 0 step: 1509 Epoch: 0 step: 1510	loss: loss: loss: loss: loss: loss: loss:	0.06304419040679932 0.0064568123780190945 0.24160358309745789 0.006458789110183716 0.00643297890201211 0.042209308594465256 0.19835855066776276 0.44187062978744507 0.006460271775722504	mean_loss: 9.349175525130704e-05  mean_loss: 5.069894996267976e-06  mean_loss: 0.00017123221186921  mean_loss: 1.78706777660409e-05  mean_loss: 3.481300382190966e-06  mean_loss: 2.0343513824627735e-05  mean_loss: 7.102717063389719e-05  mean_loss: 0.0003732615150511265  mean_loss: 2.6548302685114322e-06
Epoch: 0 step: 1501 Epoch: 0 step: 1502 Epoch: 0 step: 1503 Epoch: 0 step: 1504 Epoch: 0 step: 1505 Epoch: 0 step: 1506 Epoch: 0 step: 1507 Epoch: 0 step: 1508 Epoch: 0 step: 1509 Epoch: 0 step: 1509 Epoch: 0 step: 1510 Epoch: 0	loss: loss: loss: loss: loss: loss: loss:	0.06304419040679932 0.0064568123780190945 0.24160358309745789 0.006458789110183716 0.00643297890201211 0.042209308594465256 0.19835855066776276 0.44187062978744507	mean_loss: 9.349175525130704e-05  mean_loss: 5.069894996267976e-06  mean_loss: 0.00017123221186921  mean_loss: 1.78706777660409e-05  mean_loss: 3.481300382190966e-06  mean_loss: 2.0343513824627735e-05  mean_loss: 7.102717063389719e-05  mean_loss: 0.0003732615150511265
Epoch: 0 step: 1501 Epoch: 0 step: 1502 Epoch: 0 step: 1503 Epoch: 0 step: 1504 Epoch: 0 step: 1505 Epoch: 0 step: 1506 Epoch: 0 step: 1507 Epoch: 0 step: 1508 Epoch: 0 step: 1508 Epoch: 0 step: 1509 Epoch: 0 step: 1509 Epoch: 0 step: 1510	loss: loss: loss: loss: loss: loss: loss:	0.06304419040679932 0.0064568123780190945 0.24160358309745789 0.006458789110183716 0.00643297890201211 0.042209308594465256 0.19835855066776276 0.44187062978744507 0.006460271775722504	mean_loss: 9.349175525130704e-05  mean_loss: 5.069894996267976e-06  mean_loss: 0.00017123221186921  mean_loss: 1.78706777660409e-05  mean_loss: 3.481300382190966e-06  mean_loss: 2.0343513824627735e-05  mean_loss: 7.102717063389719e-05  mean_loss: 0.0003732615150511265  mean_loss: 2.6548302685114322e-06

Epoch: 0	loggi	0.006518767215311527	mean_loss: 8.852169230522122e-06
step: 1512	1088.	0.000516767215511527	mean_10ss. 0.052109250522122e-00
Epoch: 0	logge	0.006492718122899532	mean_loss: 9.747482181410305e-06
step: 1513	1055.	0.000492710122099332	mean_1055. 9.747402101410303e-00
Epoch: 0	logge	0.06408385932445526	mean_loss: 0.00012793134374078363
step: 1514	1055.	0.00400303932443320	mean_10ss. 0.00012793134374070303
Epoch: 0	logge	0.006572051905095577	mean_loss: 4.478598384594079e-06
step: 1515	TOSS.	0.000372031903093377	mean_1055. 4.470030004034073e 00
Epoch: 0	logg.	0.00654579047113657	mean_loss: 2.3976094780664425e-06
step: 1516	1055.	0.0004070477110007	mean_1055. 2.0070007700007725e 00
Epoch: 0	logg.	0.00651963334530592	mean_loss: 2.7741518806578824e-06
step: 1517	1055.	0.00001300004000032	mean_1055. 2.7741010000070024e 00
Epoch: 0	1088.	0.18132612109184265	mean_loss: 0.00017435470363125205
step: 1518	TOBB.	0.10102012103101200	medii_1055. 0.0001/1001/0000120200
Epoch: 0	1088.	0.19116899371147156	mean_loss: 0.0009519569575786591
step: 1519	TOBB.	0.10110000011117100	medn_1055. 0.0003013003070700031
Epoch: 0	loss	0.28150811791419983	mean_loss: 0.00010323832975700498
step: 1520	TOBB.	0.20100011701113300	medii_1055. 0.00010020002370700130
Epoch: 0	1088.	0.3132205605506897	mean_loss: 0.0002557745319791138
step: 1521	TOBB.	0.010220000000000	mean_1055. 0.0002007710013731100
Epoch: 0	loss	0.006589426659047604	mean_loss: 1.0466668754816055e-05
step: 1522	TODD.	0.000000120000017001	modn_1055. 1.01000007010100000 00
Epoch: 0	loss:	0.006563094910234213	mean_loss: 1.1432281098677777e-05
step: 1523	1000.	0.0000000000000000000000000000000000000	modn_1055. 1:11022010000111110 00
Epoch: 0	loss:	0.006536868866533041	mean_loss: 2.4343128188775154e-06
step: 1524			
Epoch: 0	loss:	0.03202236816287041	mean_loss: 1.1692151019815356e-05
step: 1525			
Epoch: 0	loss:	0.5782997608184814	mean_loss: 0.0002410635497653857
step: 1526			
Epoch: 0	loss:	0.08607111871242523	mean_loss: 4.4837495806859806e-05
step: 1527			_
Epoch: 0	loss:	0.3141735792160034	mean_loss: 0.0002301966305822134
step: 1528			_
Epoch: 0	loss:	0.008705642074346542	mean_loss: 7.235496923385654e-06
step: 1529			_
Epoch: 0	loss:	0.18877485394477844	mean_loss: 7.778413419146091e-05
step: 1530			_
Epoch: 0	loss:	0.008680949918925762	mean_loss: 2.4195398509618826e-05
step: 1531			_
Epoch: 0	loss:	0.00864626094698906	mean_loss: 3.7550701108557405e-06
step: 1532			_
Epoch: 0	loss:	0.008611710742115974	mean_loss: 4.198569968139054e-06
step: 1533			_
Epoch: 0	loss:	0.07578600943088531	mean_loss: 2.8269381800782867e-05
step: 1534			
Epoch: 0	loss:	0.4111259877681732	mean_loss: 0.002979378681629896
step: 1535			

Epoch: 0 step: 1536	loss:	0.007673338055610657	mean_loss: 1.2850081475335173e-05
Epoch: 0 step: 1537	loss:	0.21340510249137878	mean_loss: 7.721343718003482e-05
Epoch: 0 step: 1538	loss:	0.007707362994551659	mean_loss: 3.627482101364876e-06
Epoch: 0 step: 1539	loss:	0.007676564157009125	mean_loss: 2.4459208361804485e-05
Epoch: 0 step: 1540	loss:	0.2036067098379135	mean_loss: 0.00020885247795376927
Epoch: 0 step: 1541	loss:	0.46149325370788574	mean_loss: 0.00048549118218943477
Epoch: 0 step: 1542	loss:	0.713941216468811	mean_loss: 0.0012446457985788584
Epoch: 0 step: 1543		0.007302606478333473	mean_loss: 4.622635060513858e-06
Epoch: 0 step: 1544		0.20531265437602997	mean_loss: 0.00011195053230039775
Epoch: 0 step: 1545		0.10523566603660583	mean_loss: 0.00013934870366938412
Epoch: 0 step: 1546		0.0074531883001327515	mean_loss: 2.0033079636050388e-05
Epoch: 0 step: 1547		0.2275359034538269	mean_loss: 0.0006712564500048757
Epoch: 0 step: 1548		0.10183876007795334	mean_loss: 5.577259071287699e-05
Epoch: 0 step: 1549 Epoch: 0		0.3238002359867096 0.16214175522327423	mean_loss: 0.005783142987638712 mean_loss: 8.084973524091765e-05
step: 1550 Epoch: 0		0.007895116694271564	mean_loss: 6.971999027882703e-06
step: 1551 Epoch: 0		0.007863566279411316	mean_loss: 2.9971583899168763e-06
step: 1552 Epoch: 0		0.11987530440092087	mean_loss: 4.892991637461819e-05
step: 1553 Epoch: 0	loss:	0.2423461675643921	mean_loss: 8.601671288488433e-05
step: 1554 Epoch: 0	loss:	0.007631166838109493	mean_loss: 1.2734625670418609e-05
step: 1555 Epoch: 0	loss:	0.2424037605524063	mean_loss: 0.0001199487887788564
step: 1556 Epoch: 0	loss:	0.09257175773382187	mean_loss: 3.562325218808837e-05
step: 1557 Epoch: 0	loss:	0.6075989603996277	mean_loss: 0.0004504333483055234
step: 1558 Epoch: 0 step: 1559	loss:	0.00682242214679718	mean_loss: 5.383312782214489e-06

Epoch: 0	loss:	0.015492952428758144	mean_loss: 2.3376071112579666e-05
step: 1560			
Epoch: 0	loss:	0.1933952122926712	mean_loss: 0.00013746879994869232
step: 1561	_		
Epoch: 0	loss:	0.21414636075496674	mean_loss: 0.00015197433822322637
step: 1562	_	0.000544500004400005	3 4 450405504050044 05
Epoch: 0	loss:	0.006544720381498337	mean_loss: 4.1594375943532214e-05
step: 1563	7	0.00054464705406004	1 0 0000000000700005
Epoch: 0	loss:	0.08254461735486984	mean_loss: 0.0002393803297309205
step: 1564	7	0 1000000770075110	
Epoch: 0	loss:	0.1266399770975113	mean_loss: 5.1999741117469966e-05
step: 1565	1	0 000007075011505774	1 2 5000605060451576- 06
Epoch: 0	loss:	0.006627675611525774	mean_loss: 2.5092695068451576e-06
step: 1566	1	0.10575107485055923	moon logg. 0 0002204700611214E482
Epoch: 0 step: 1567	TOSS:	0.105/510/405055925	mean_loss: 0.00033047996112145483
Epoch: 0	1000.	0.008081507869064808	mean_loss: 7.913440640550107e-06
step: 1568	1055.	0.000081307803004808	mean_10ss. 7.913440040330107e-00
Epoch: 0	loggi	0.008049213327467442	mean_loss: 1.027694725053152e-05
step: 1569	1055.	0.000049213321401442	mean_10ss. 1.02/034/20033132e-03
Epoch: 0	loggi	0.5624668598175049	mean_loss: 0.0029918996151536703
step: 1570	1055.	0.0024000030170043	mean_1055. 0.0025510550101000705
Epoch: 0	1088.	0.1794232875108719	mean_loss: 8.02530485088937e-05
step: 1571	1000.	0.1731202070100713	medn_1055. 0.020001000000070 00
Epoch: 0	loss:	0.20499588549137115	mean_loss: 0.000164719793247059
step: 1572	1000.	0.20100000010101110	modil_10551 01000101110100211005
Epoch: 0	loss:	0.25006037950515747	mean_loss: 0.0001161676409537904
step: 1573			
Epoch: 0	loss:	0.4856407940387726	mean_loss: 0.00025286671007052064
step: 1574			
Epoch: 0	loss:	0.20336000621318817	mean_loss: 7.156867650337517e-05
step: 1575			_
Epoch: 0	loss:	0.21373672783374786	mean_loss: 0.00011427488061599433
step: 1576			
Epoch: 0	loss:	0.1365681141614914	mean_loss: 6.987852248130366e-05
step: 1577			<del>-</del>
Epoch: 0	loss:	0.20892378687858582	mean_loss: 0.00010603432747302577
step: 1578			
Epoch: 0	loss:	0.1872607171535492	mean_loss: 0.0003316225775051862
step: 1579			
Epoch: 0	loss:	0.05175849422812462	mean_loss: 9.106663492275402e-05
step: 1580			
Epoch: 0	loss:	0.00920097529888153	mean_loss: 4.362460822449066e-05
step: 1581			
Epoch: 0	loss:	0.21328772604465485	mean_loss: 0.00020220981969032437
step: 1582			
Epoch: 0	loss:	0.19393235445022583	mean_loss: 8.025405986700207e-05
step: 1583			

Epoch: 0 step: 1584	loss:	0.008918802253901958	mean_loss: 5.843543112860061e-05
Epoch: 0 step: 1585	loss:	0.008883162401616573	mean_loss: 3.963474227930419e-06
Epoch: 0 step: 1586	loss:	0.008847665973007679	mean_loss: 5.968732239125529e-06
Epoch: 0 step: 1587	loss:	0.24841389060020447	mean_loss: 9.29715097299777e-05
Epoch: 0 step: 1588	loss:	0.5010020732879639	mean_loss: 0.0002075787342619151
Epoch: 0 step: 1589	loss:	0.5196304321289062	mean_loss: 0.0007724190945737064
Epoch: 0 step: 1590	loss:	0.006498798727989197	mean_loss: 8.097124009509571e-06
Epoch: 0 step: 1591	loss:	0.07373279333114624	mean_loss: 0.00010032774298451841
Epoch: 0 step: 1592	loss:	0.0067408024333417416	mean_loss: 2.49040044764115e-06
Epoch: 0 step: 1593	loss:	0.006713866256177425	mean_loss: 1.7628231944399886e-05
Epoch: 0 step: 1594	loss:	0.1904781460762024	mean_loss: 0.00019068646361120045
Epoch: 0 step: 1595		0.006685651373118162	mean_loss: 1.2525205420388374e-05
Epoch: 0 step: 1596		0.0066589354537427425	mean_loss: 3.0051625799387693e-05
Epoch: 0 step: 1597		0.006632326170802116	mean_loss: 1.1369244930392597e-05
Epoch: 0 step: 1598		0.006605823058634996	mean_loss: 4.729944521386642e-06
Epoch: 0 step: 1599		0.00657942658290267	mean_loss: 1.2147889719926752e-05
Epoch: 0 step: 1600		0.006553134880959988	mean_loss: 5.957606845186092e-06
Epoch: 0 step: 1601		0.006526948884129524	mean_loss: 2.5639351406425703e-06
Epoch: 0 step: 1602		0.006500867661088705	mean_loss: 3.1447927995031932e-06
Epoch: 0 step: 1603		0.006474889349192381	mean_loss: 5.4483043641084805e-06
Epoch: 0 step: 1604		0.006449016276746988	mean_loss: 2.8259476039238507e-06
Epoch: 0 step: 1605		0.006423245649784803	mean_loss: 3.346912490087561e-05
Epoch: 0 step: 1606		0.09218782186508179	mean_loss: 6.668206333415583e-05
Epoch: 0 step: 1607	loss:	0.006535777822136879	mean_loss: 6.288057193160057e-06

Epoch: 0	loss:	0.006509661674499512	mean_loss: 5.521991624846123e-06
step: 1608 Epoch: 0	loss:	0.0064836484380066395	mean_loss: 2.467365084157791e-05
step: 1609 Epoch: 0 step: 1610	loss:	0.0064577399753034115	mean_loss: 4.001489651273005e-05
Epoch: 0 step: 1611	loss:	0.006431934889405966	mean_loss: 1.3483228030963801e-05
Epoch: 0 step: 1612	loss:	0.2953653335571289	mean_loss: 0.00018790000467561185
Epoch: 0 step: 1613	loss:	0.006485190708190203	mean_loss: 2.8887838197988458e-05
Epoch: 0 step: 1614	loss:	0.006459275726228952	mean_loss: 5.80856158194365e-06
Epoch: 0 step: 1615	loss:	0.6962830424308777	mean_loss: 0.0002552378282416612
Epoch: 0 step: 1616	loss:	0.005817838944494724	mean_loss: 1.9846656869049184e-05
Epoch: 0 step: 1617	loss:	0.005794591270387173	mean_loss: 2.392772694292944e-05
Epoch: 0 step: 1618	loss:	0.32652682065963745	mean_loss: 0.00016601462266407907
Epoch: 0 step: 1619	loss:	0.005096850451081991	mean_loss: 1.9363005776540376e-06
Epoch: 0 step: 1620	loss:	0.005076483357697725	mean_loss: 1.77443030224822e-06
Epoch: 0 step: 1621	loss:	0.3105201721191406	mean_loss: 0.0004493805463425815
Epoch: 0 step: 1622	loss:	0.5917764902114868	mean_loss: 0.0034035968128591776
Epoch: 0 step: 1623	loss:	0.0046022310853004456	mean_loss: 3.03596038975229e-06
Epoch: 0 step: 1624	loss:	0.3312271237373352	mean_loss: 0.00017506879521533847
Epoch: 0 step: 1625	loss:	0.3948488235473633	mean_loss: 0.00014427461428567767
Epoch: 0 step: 1626	loss:	0.20094990730285645	mean_loss: 7.270216156030074e-05
Epoch: 0 step: 1627	loss:	0.0037647841963917017	mean_loss: 2.9293787520145997e-05
Epoch: 0 step: 1628	loss:	0.3670082688331604	mean_loss: 0.0001765452470863238
Epoch: 0 step: 1629	loss:	0.20195092260837555	mean_loss: 7.188032759586349e-05
Epoch: 0 step: 1630	loss:	0.199022114276886 m	nean_loss: 9.29477100726217e-05
Epoch: 0 step: 1631	loss:	0.0034730168990790844	mean_loss: 1.3843030046700733e-06

Epoch: 0	loss:	0.17943710088729858	mean_loss: 0.00016357199638150632
step: 1632 Epoch: 0	loss:	0.31177380681037903	mean_loss: 0.00020963534188922495
step: 1633 Epoch: 0	loss:	0.031887393444776535	mean_loss: 3.165387533954345e-05
step: 1634 Epoch: 0	loss:	0.010558976791799068	mean_loss: 7.97487246018136e-06
step: 1635	1	0.004010546160207060	_
Epoch: 0 step: 1636	loss:	0.004212546162307262	mean_loss: 1.6158196558535565e-06
Epoch: 0 step: 1637	loss:	0.004195712506771088	mean_loss: 5.436953870230354e-06
Epoch: 0 step: 1638	loss:	0.0041789463721215725	mean_loss: 2.2186550268088467e-06
Epoch: 0	loss:	0.21025778353214264	mean_loss: 0.00019724202866200358
step: 1639 Epoch: 0	loss:	0.2756710946559906	mean_loss: 0.002704591490328312
step: 1640 Epoch: 0	loss:	0.09489326924085617	mean_loss: 5.5897973652463406e-05
step: 1641 Epoch: 0	loss:	0.004183141980320215	mean_loss: 2.061789928120561e-06
step: 1642			_
Epoch: 0 step: 1643		0.004166426602751017	mean_loss: 2.585911033747834e-06
Epoch: 0 step: 1644	loss:	0.32512667775154114	mean_loss: 0.00011682690092129633
Epoch: 0 step: 1645	loss:	0.0037248714361339808	mean_loss: 2.8123706670157844e-06
Epoch: 0 step: 1646	loss:	0.04633532464504242	mean_loss: 0.0003068750665988773
Epoch: 0	loss:	0.004350014962255955	mean_loss: 1.7139823285106104e-06
step: 1647 Epoch: 0	loss:	0.18693691492080688	mean_loss: 0.00018563916091807187
step: 1648 Epoch: 0	loss:	0.17473788559436798	mean_loss: 6.209567800397053e-05
step: 1649 Epoch: 0	loggi	0.004357224330306053	mean_loss: 4.777642971021123e-06
step: 1650			_
Epoch: 0 step: 1651	loss:	0.14300040900707245	mean_loss: 0.00027395630604587495
Epoch: 0 step: 1652	loss:	0.004554568324238062	mean_loss: 2.372739345446462e-06
Epoch: 0	loss:	0.48532113432884216	mean_loss: 0.0005339092458598316
step: 1653 Epoch: 0	loss:	0.2687581479549408	mean_loss: 0.0024481096770614386
step: 1654 Epoch: 0 step: 1655	loss:	0.0038750225212424994	mean_loss: 2.584034518804401e-06

Epoch: 0	loss:	0.0038595376536250114	mean_loss: 1.4481146308753523e-06
step: 1656 Epoch: 0 step: 1657	loss:	0.020230520516633987	mean_loss: 1.1620889381447341e-05
Epoch: 0 step: 1658	loss:	0.004266289062798023	mean_loss: 1.8050253856927156e-05
Epoch: 0 step: 1659	loss:	0.0042492407374084	mean_loss: 1.0641623703122605e-05
Epoch: 0 step: 1660	loss:	0.23275822401046753	mean_loss: 0.00010761390149127692
Epoch: 0 step: 1661	loss:	0.004139689262956381	mean_loss: 1.4955293181628804e-06
Epoch: 0 step: 1662	loss:	0.004294272046536207	mean_loss: 5.5429259191441815e-06
Epoch: 0 step: 1663	loss:	0.23956730961799622	mean_loss: 0.00010984541586367413
Epoch: 0 step: 1664	loss:	0.39873600006103516	mean_loss: 0.0004252087965141982
Epoch: 0 step: 1665	loss:	0.004431006032973528	mean_loss: 1.960522695299005e-06
Epoch: 0 step: 1666	loss:	0.004413299262523651	mean_loss: 3.0597780096286442e-06
Epoch: 0 step: 1667	loss:	0.00439566420391202	mean_loss: 3.210747672710568e-05
Epoch: 0 step: 1668	loss:	0.24737069010734558	mean_loss: 0.0002927843888755888
Epoch: 0 step: 1669	loss:	0.26678338646888733	mean_loss: 0.0005267774686217308
Epoch: 0 step: 1670	loss:	0.004086773376911879	mean_loss: 2.8165757157694316e-06
Epoch: 0 step: 1671	loss:	0.2669333219528198	mean_loss: 0.0005667434306815267
Epoch: 0 step: 1672	loss:	0.19861172139644623	mean_loss: 7.605134305777028e-05
Epoch: 0 step: 1673		0.003924068063497543	mean_loss: 1.4094853213464376e-06
Epoch: 0 step: 1674		0.00390838785097003	mean_loss: 1.4877463172524585e-06
Epoch: 0 step: 1675		0.05772304907441139	mean_loss: 4.908549090032466e-05
Epoch: 0 step: 1676		0.06088928505778313	mean_loss: 0.0003627284022513777
Epoch: 0 step: 1677		0.004799834452569485	mean_loss: 9.667720405559521e-06
Epoch: 0 step: 1678		0.004780654329806566	mean_loss: 2.9352463570830878e-06
Epoch: 0 step: 1679	loss:	0.023044604808092117	mean_loss: 1.122080811910564e-05

Epoch: 0	loss:	0.005235510878264904	mean_loss: 2.195285333073116e-06
step: 1680			
Epoch: 0	loss:	0.28290337324142456	mean_loss: 0.0001863673096522689
step: 1681			
Epoch: 0	loss:	0.10422836989164352	mean_loss: 0.00013051842688582838
step: 1682			
Epoch: 0	loss:	0.00506622064858675	mean_loss: 1.994143985939445e-06
step: 1683			
Epoch: 0	loss:	0.005045976024121046	mean_loss: 1.9497758785291808e-06
step: 1684			
Epoch: 0	loss:	0.1822703331708908	mean_loss: 0.0002066579181700945
step: 1685	_	0.00400004500040504	3 4 00 455545 4440544 00
Epoch: 0	loss:	0.004396047908812761	mean_loss: 4.834775154449744e-06
step: 1686	-	0.004070404000440004	3 000070470406744 04
Epoch: 0	loss:	0.004378481302410364	mean_loss: 6.380373179126764e-06
step: 1687	1	0 170604400100761	1 0.000001/37030000100/
Epoch: 0	TOSS:	0.172624409198761	mean_loss: 0.00020214378309901804
step: 1688 Epoch: 0	loggi	0.004438177682459354	moon logg, 1 6/9/267/621/69190_06
step: 1689	1088.	0.004430177002439334	mean_loss: 1.6484267462146818e-06
Epoch: 0	loggi	0.004420442972332239	mean_loss: 1.5354484276031144e-05
step: 1690	1055.	0.001120112012002200	mean_1035. 1.00044042/0001144e 00
Epoch: 0	loss	0.004402779042720795	mean_loss: 1.9259518921899144e-06
step: 1691	1000.	0.001102110012120100	modn_1000. 1:02000100210001110 00
Epoch: 0	loss:	0.004385184962302446	mean_loss: 1.027426424116129e-05
step: 1692			
Epoch: 0	loss:	0.07772752642631531	mean_loss: 7.009720866335556e-05
step: 1693			
Epoch: 0	loss:	0.004758281167596579	mean_loss: 5.2425393732846715e-06
step: 1694			_
Epoch: 0	loss:	0.004739267285913229	mean_loss: 2.7991206934530055e-06
step: 1695			
Epoch: 0	loss:	0.004720328841358423	mean_loss: 2.5434183044126257e-06
step: 1696			
Epoch: 0	loss:	0.004701466299593449	mean_loss: 2.7096830308437347e-06
step: 1697			
Epoch: 0	loss:	0.004682679194957018	mean_loss: 1.7019211782098864e-06
step: 1698			
Epoch: 0	loss:	0.004663967527449131	mean_loss: 2.460796167724766e-06
step: 1699			
Epoch: 0	loss:	0.004645330365747213	mean_loss: 1.7759997490429669e-06
step: 1700			
Epoch: 0	loss:	0.06893402338027954	mean_loss: 7.114117033779621e-05
step: 1701	_	0.004800460000	
Epoch: 0	loss:	0.004709188360720873	mean_loss: 1.6696925513315364e-06
step: 1702	7	0.00460007050040040	
Epoch: 0	Toss:	0.00469037052243948	mean_loss: 2.4944392862380482e-06
step: 1703			

Epoch: 0	loss:	0.08507760614156723	mean_loss: 8.690510730957612e-05
step: 1704	_		
Epoch: 0	loss:	0.005157464649528265	mean_loss: 1.0222942364634946e-05
step: 1705	_		
Epoch: 0	loss:	0.1910039782524109	mean_loss: 0.00224722595885396
step: 1706	7	0.0000000000000000000000000000000000000	7 770704000450407 06
Epoch: 0	loss:	0.006852289196103811	mean_loss: 7.770721822453197e-06
step: 1707	7	0.0000000000000000000000000000000000000	
Epoch: 0	loss:	0.006824908312410116	mean_loss: 6.211526397237321e-06
step: 1708	7	0.0067076254621250765	1 0 0001224007F72002170 <i>C</i>
Epoch: 0 step: 1709	TOSS:	0.0067976354621350765	mean_loss: 0.00013340875739231706
Epoch: 0	1	0.0067704725079238415	man lagg. 2 9/E79777600E6762a 06
-	TOSS:	0.006//04/250/9256415	mean_loss: 2.8457877760956762e-06
step: 1710 Epoch: 0	1000.	0.15391060709953308	mean loss: 0.0001520883961347863
step: 1711	1022.	0.13391000709933308	mean_1088. 0.0001320003901347003
Epoch: 0	loggi	0.006658944766968489	mean_loss: 2.583851710369345e-06
step: 1712	1055.	0.00000034170000403	mean_1055. 2.000001710000045e 00
Epoch: 0	1099.	0.0066323354840278625	mean_loss: 2.2800410079071298e-05
step: 1713	1055.	0.0000020004040210020	mean_1055. 2.2000410075071250e 05
Epoch: 0	loss:	0.7829288244247437	mean_loss: 0.00046939548337832093
step: 1714	1000.	0.7020200211217107	
Epoch: 0	loss:	0.00758253363892436	mean_loss: 6.498732091131387e-06
step: 1715			
Epoch: 0	loss:	0.162125825881958 n	nean_loss: 0.0005832097958773375
step: 1716			<del>-</del>
Epoch: 0	loss:	0.008008942939341068	mean_loss: 2.7896599931409582e-05
step: 1717			_
Epoch: 0	loss:	0.007976939901709557	mean_loss: 1.7140977433882654e-05
step: 1718			_
Epoch: 0	loss:	0.007945063523948193	mean_loss: 2.057417259493377e-05
step: 1719			
Epoch: 0	loss:	0.007913314737379551	mean_loss: 2.3334965590038337e-05
step: 1720			
Epoch: 0	loss:	0.13892382383346558	mean_loss: 0.0001400676992489025
step: 1721			
Epoch: 0	loss:	0.0077178035862743855	mean_loss: 6.548225792357698e-05
step: 1722			
Epoch: 0	loss:	0.007686964236199856	mean_loss: 4.9410109568270855e-06
step: 1723			
Epoch: 0	loss:	0.0076562464237213135	mean_loss: 2.7341855002305238e-06
step: 1724			
Epoch: 0	loss:	0.08134818077087402	mean_loss: 3.9877901144791394e-05
step: 1725			
Epoch: 0	loss:	0.03365708142518997	mean_loss: 3.9182512409752235e-05
step: 1726			
Epoch: 0	loss:	0.007024220656603575	mean_loss: 3.68461314792512e-06
step: 1727			

Epoch: 0	loss:	0.40724503993988037	mean_loss: 0.00018511306552682072
step: 1728			
Epoch: 0	loss:	0.009301722049713135	mean_loss: 6.629514700762229e-06
step: 1729 Epoch: 0	loss:	0.009264552965760231	mean_loss: 3.9135425140557345e-06
step: 1730			
Epoch: 0 step: 1731	loss:	0.009227531962096691	mean_loss: 4.8105498535733204e-06
Epoch: 0	loss:	0.009190659038722515	mean_loss: 5.951760158495745e-06
step: 1732			
Epoch: 0	loss:	0.18663924932479858	mean_loss: 0.0003840436111204326
step: 1733			
Epoch: 0	loss:	0.009117328561842442	mean_loss: 4.036267000628868e-06
step: 1734			
Epoch: 0	loss:	0.12768088281154633	mean_loss: 6.387439498212188e-05
step: 1735			
Epoch: 0	loss:	0.008774899877607822	mean_loss: 7.927152182674035e-06
step: 1736			
Epoch: 0	loss:	0.00873983558267355	mean_loss: 4.179533334536245e-06
step: 1737	_		
Epoch: 0	loss:	0.375971257686615	mean_loss: 0.00014612336235586554
step: 1738	_		
Epoch: 0	loss:	0.009240388870239258	mean_loss: 4.7890371206449345e-06
step: 1739	,	0.0000016070000000	1 0 00000000000000000000000000000000000
Epoch: 0	loss:	0.009203463792800903	mean_loss: 3.982808266300708e-06
step: 1740	,	0.000400000705054040	1 4 070400057005407 00
Epoch: 0	loss:	0.009166686795651913	mean_loss: 4.070426257385407e-06
step: 1741	7	0 1700101027007050	lass. 0.00010/10707710026007
Epoch: 0	loss:	0.1720101237297058	mean_loss: 0.00012419797712936997
step: 1742 Epoch: 0	7	1 2201060544207017	lass. 0 0007003000FF7F001
-	TOSS:	1.3301068544387817	mean_loss: 0.00272030895575881
step: 1743 Epoch: 0	loggi	0.17673088610172272	mean_loss: 0.00012700013758148998
step: 1744	TOSS.	0.17073000010172272	mean_1055. 0.00012/00013/30140990
Epoch: 0	logge	0.966404914855957	mean_loss: 0.0006508632795885205
step: 1745	TOSS.	0.900404914033937	mean_10ss. 0.0000500052795005205
Epoch: 0	loggi	0.005992736667394638	mean loss: 7.918473784229718e-06
step: 1746	TODD.	0.000332700007031000	mcdii_1055. 7.3101707012237100 00
Epoch: 0	loss	0.1405240148305893	mean_loss: 0.00023579182743560523
step: 1747	TODD.	0.1100210110000000	mean_1055. 0.00020070102710000020
Epoch: 0	loss:	0.02430015243589878	mean_loss: 7.368151273112744e-05
step: 1748			
Epoch: 0	loss:	0.006360556930303574	mean_loss: 2.4446194402116816e-06
step: 1749			
Epoch: 0	loss:	0.006335139740258455	mean_loss: 2.5710282898216974e-06
step: 1750			_
Epoch: 0	loss:	0.2723372280597687	mean_loss: 0.00013916187162976712
step: 1751			

Dock: 0   10ss: 0.007894362322986126   mean_loss: 4.162447658018209e-05   step: 1752   Epoch: 0   loss: 0.007862815633416176   mean_loss: 3.163041355946916e-06   step: 1753   Epoch: 0   loss: 0.04624146968126297   mean_loss: 0.00013803016918245703   step: 1754   Epoch: 0   loss: 0.00822408776730299   mean_loss: 6.477583519881591e-05   step: 1756   Epoch: 0   loss: 0.008191224187612534   mean_loss: 1.964185867109336e-05   step: 1757   Epoch: 0   loss: 0.5726199150085449   mean_loss: 0.0004198146634735167   step: 1758   Epoch: 0   loss: 0.007691981736570597   mean_loss: 0.0004198146634735167   step: 1760   loss: 0.007661244831979275   mean_loss: 5.100197085994296e-06   step: 1760   loss: 0.007630629930645227   mean_loss: 5.100197085994296e-06   step: 1760   loss: 0.3010997176170349   mean_loss: 0.0006959118181839585   step: 1762   Epoch: 0   loss: 0.3010997176170349   mean_loss: 0.0001825847468571737   step: 1763   loss: 0.008486627601087093   mean_loss: 0.0001825847468571737   step: 1763   loss: 0.008486627601087093   mean_loss: 0.0001825847468571737   step: 1765   loss: 0.008452714420855045   mean_loss: 0.3817037698754575e-06   step: 1766   loss: 0.008659232407808304   mean_loss: 0.0004297850500792265   step: 1766   loss: 0.1572367399930954   mean_loss: 0.0001423750766329467   step: 1769   loss: 0.1572367399930954   mean_loss: 0.00014433750766329467   step: 1769   loss: 0.19394412636756897   mean_loss: 0.00014433750766329467   step: 1770   loss: 0.1082359105348587   mean_loss: 0.00014433750766329467   step: 1772   loss: 0.1082359105348587   mean_loss: 0.00014433750766329467   step: 1772   loss: 0.000734956547617912   mean_loss: 0.00003573200083337724   step: 1775   loss: 0.21477612853050232   mean_loss: 0.00015307725698221475   step: 1772   loss: 0.000734956547617912   mean_loss: 0.0003573200083337724   step: 1775   loss: 0.2161737084388733   mean_loss: 0.0003573200083337724   step: 1775   loss: 0.2161737084388733   mean_loss: 0.0003573200083337724   loss: 0.2161737084388733   mean_loss: 0.0003573200083337724				
Epoch	•	loss:	0.007894362322986126	mean_loss: 4.162447658018209e-05
Step: 1753   Epoch: 0	-			
Epoch	-	loss:	0.007862815633416176	mean_loss: 3.163041355946916e-06
Step: 1754   Epoch: 0	-			
Epoch: 0	Epoch: 0	loss:	0.28075021505355835	mean_loss: 0.00013803016918245703
step: 1755         Epoch: 0 toss: 0.00822408776730299         mean_loss: 1.964185867109336e-05           Epoch: 0 toss: 0.008191224187612534         mean_loss: 7.298547188838711e-06           Epoch: 0 toss: 0.5726199150085449         mean_loss: 0.0004198146634735167           Epoch: 0 toss: 0.007691981736570597         mean_loss: 4.351822099124547e-06           step: 1758         mean_loss: 5.100197085994296e-06           Epoch: 0 toss: 0.007661244831979275         mean_loss: 5.100197085994296e-06           Epoch: 0 toss: 0.007630629930645227         mean_loss: 8.345060450665187e-06           Epoch: 0 toss: 0.5337560176849365         mean_loss: 0.0006959118181839585           Epoch: 0 toss: 0.008486627601087093         mean_loss: 0.00011825847468571737           Step: 1762         mean_loss: 0.00011825847468571737           Epoch: 0 toss: 0.008486627601087093         mean_loss: 0.00011825847468571737           Step: 1764         mean_loss: 0.00011825847468571737           Epoch: 0 toss: 0.008452714420855045         mean_loss: 0.317037698754575e-06           Epoch: 0 toss: 0.4053899943828583         mean_loss: 0.00040297850500792265           Epoch: 0 toss: 0.157236739993054         mean_loss: 0.00012039957800880075           Step: 1768         mean_loss: 0.00012039957800880075           Epoch: 0 toss: 0.19394412636756897         mean_loss: 0.0001239957800880075           Epoch: 0 toss: 0.10823591	step: 1754			
Epoch: 0 step: 1756         loss: 0.00822408776730299         mean_loss: 1.964185867109336e-05           Epoch: 0 step: 1757         loss: 0.008191224187612534         mean_loss: 7.298547188838711e-06           Epoch: 0 step: 1757         loss: 0.5726199150085449         mean_loss: 0.0004198146634735167           Epoch: 0 step: 1759         loss: 0.007661244831979275         mean_loss: 4.351822099124547e-06           Epoch: 0 step: 1760         loss: 0.007630629930645227         mean_loss: 5.100197085994296e-06           Epoch: 0 step: 1761         loss: 0.5337560176849365         mean_loss: 0.0006959118181839585           Epoch: 0 step: 1763         loss: 0.3010997176170349         mean_loss: 0.00011825847468571737           Epoch: 0 step: 1765         loss: 0.008486627601087093         mean_loss: 9.424848030903377e-06           Epoch: 0 step: 1765         loss: 0.008452714420855045         mean_loss: 0.00040297850500792265           Epoch: 0 step: 1766         loss: 0.4053899943828583         mean_loss: 0.0004029785000792265           Epoch: 0 step: 1767         loss: 0.1572367399930954         mean_loss: 0.00012039957800880075           Epoch: 0 step: 1769         loss: 0.20357969403266907         mean_loss: 0.00014433750766329467           Epoch: 0 step: 1770         loss: 0.108235910534857         mean_loss: 0.00016422574408352375           Epoch: 0 step: 1773         loss: 0.009774013422429562         me	Epoch: 0	loss:	0.04624146968126297	mean_loss: 6.477583519881591e-05
step: 1756         Epoch: 0 toss: 0.008191224187612534         mean_loss: 7.298547188838711e-06           Epoch: 0 toss: 0.5726199150085449         mean_loss: 0.0004198146634735167           step: 1758         Epoch: 0 toss: 0.007691981736570597         mean_loss: 0.0004198146634735167           step: 1759         Epoch: 0 toss: 0.007661244831979275         mean_loss: 5.100197085994296e-06           step: 1760         Epoch: 0 toss: 0.007630629930645227         mean_loss: 0.0006959118181839585           step: 1760         Epoch: 0 toss: 0.3010997176170349         mean_loss: 0.0006959118181839585           step: 1762         Epoch: 0 toss: 0.008486627601087093         mean_loss: 0.00011825847468571737           step: 1764         Epoch: 0 toss: 0.008486627601087093         mean_loss: 0.0001825847468571737           step: 1764         Epoch: 0 toss: 0.008452714420855045         mean_loss: 0.00040297850500792265           step: 1765         Epoch: 0 toss: 0.4053899943828583         mean_loss: 0.00040297850500792265           step: 1765         Epoch: 0 toss: 0.157236739930954         mean_loss: 0.00012039957800880075           step: 1769         Epoch: 0 toss: 0.19394412636756897         mean_loss: 0.00012039957800880075           step: 1769         Epoch: 0 toss: 0.21477612853050232         mean_loss: 0.00015307725698221475           step: 1770         Epoch: 0 toss: 0.1082359105348587         mean_loss: 0.00016422574408	step: 1755			
Epoch: 0 step: 1757 Epoch: 0 loss: 0.008191224187612534 mean_loss: 7.298547188838711e-06 step: 1757 Epoch: 0 loss: 0.5726199150085449 mean_loss: 0.0004198146634735167 step: 1758 Epoch: 0 loss: 0.007691981736570597 mean_loss: 4.351822099124547e-06 step: 1760 Epoch: 0 loss: 0.007661244831979275 mean_loss: 5.100197085994296e-06 step: 1760 Epoch: 0 loss: 0.007630629930645227 mean_loss: 8.345060450665187e-06 step: 1761 Epoch: 0 loss: 0.5337560176849365 mean_loss: 0.0006959118181839585 step: 1762 Epoch: 0 loss: 0.3010997176170349 mean_loss: 0.00011825847468571737 step: 1763 Epoch: 0 loss: 0.008486627601087093 mean_loss: 9.424848030903377e-06 step: 1764 Epoch: 0 loss: 0.008452714420855045 mean_loss: 6.3817037698754575e-06 step: 1766 Epoch: 0 loss: 0.008659232407808304 mean_loss: 5.111230166221503e-06 step: 1767 Epoch: 0 loss: 0.1572367399930954 mean_loss: 0.00012039957800880075 step: 1769 Epoch: 0 loss: 0.20357969403266907 mean_loss: 0.00014433750766329467 step: 1770 Epoch: 0 loss: 0.20357969403266907 mean_loss: 0.00014433750766329467 step: 1771 Epoch: 0 loss: 0.1082359105348587 mean_loss: 0.0016422574408352375 step: 1773 Epoch: 0 loss: 0.009734956547617912 mean_loss: 5.665643129759701e-06 step: 1773 Epoch: 0 loss: 0.2161737084388733 mean_loss: 0.0003573200083337724	Epoch: 0	loss:	0.00822408776730299	mean_loss: 1.964185867109336e-05
step: 1757         Epoch: 0 step: 1758         loss: 0.5726199150085449         mean_loss: 0.0004198146634735167           Epoch: 0 step: 1758         loss: 0.007691981736570597         mean_loss: 4.351822099124547e-06           Epoch: 0 step: 1759         loss: 0.007661244831979275         mean_loss: 5.100197085994296e-06           Epoch: 0 step: 1760         loss: 0.007630629930645227         mean_loss: 8.345060450665187e-06           Epoch: 0 step: 1761         loss: 0.5337560176849365         mean_loss: 0.0006959118181839585           Epoch: 0 step: 1762         loss: 0.3010997176170349         mean_loss: 0.00011825847468571737           Epoch: 0 step: 1764         loss: 0.008486627601087093         mean_loss: 9.424848030903377e-06           Epoch: 0 step: 1765         loss: 0.4053899943828583         mean_loss: 6.3817037698754575e-06           Epoch: 0 step: 1766         loss: 0.4053899943828583         mean_loss: 0.00040297850500792265           Epoch: 0 step: 1767         loss: 0.1572367399930954         mean_loss: 0.00012039957800880075           Epoch: 0 step: 1768         loss: 0.19394412636756897         mean_loss: 0.00012039957800880075           Epoch: 0 step: 1769         loss: 0.20357969403266907         mean_loss: 0.00014433750766329467           Epoch: 0 step: 1770         loss: 0.009774013422429562         mean_loss: 0.0016422574408352375           Epoch: 0 step: 1773         loss: 0.00973495	step: 1756			
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Epoch: 0 loss: 0.4053899943828583 mean_loss: 0.00040297850500792265  step: 1766  Epoch: 0 loss: 0.008659232407808304 mean_loss: 5.111230166221503e-06  step: 1767  Epoch: 0 loss: 0.1572367399930954 mean_loss: 0.00012039957800880075  step: 1768  Epoch: 0 loss: 0.19394412636756897 mean_loss: 0.0002248719974886626  step: 1769  Epoch: 0 loss: 0.20357969403266907 mean_loss: 0.00014433750766329467  step: 1770  Epoch: 0 loss: 0.21477612853050232 mean_loss: 0.00015307725698221475  step: 1771  Epoch: 0 loss: 0.1082359105348587 mean_loss: 0.0016422574408352375  step: 1772  Epoch: 0 loss: 0.009774013422429562 mean_loss: 5.665643129759701e-06  step: 1773  Epoch: 0 loss: 0.009734956547617912 mean_loss: 4.9071140892920084e-06  step: 1774  Epoch: 0 loss: 0.2161737084388733 mean_loss: 0.0003573200083337724	•	loss:	0.008452714420855045	mean_loss: 6.381/03/698/545/5e-06
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Epoch: 0 loss: 0.1572367399930954 mean_loss: 0.00012039957800880075 step: 1768 Epoch: 0 loss: 0.19394412636756897 mean_loss: 0.0002248719974886626 step: 1769 Epoch: 0 loss: 0.20357969403266907 mean_loss: 0.00014433750766329467 step: 1770 Epoch: 0 loss: 0.21477612853050232 mean_loss: 0.00015307725698221475 step: 1771 Epoch: 0 loss: 0.1082359105348587 mean_loss: 0.0016422574408352375 step: 1772 Epoch: 0 loss: 0.009774013422429562 mean_loss: 5.665643129759701e-06 step: 1773 Epoch: 0 loss: 0.009734956547617912 mean_loss: 4.9071140892920084e-06 step: 1774 Epoch: 0 loss: 0.2161737084388733 mean_loss: 0.0003573200083337724	-	_		
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<pre>step: 1769 Epoch: 0</pre>	-			
Epoch: 0 loss: 0.20357969403266907 mean_loss: 0.00014433750766329467 step: 1770  Epoch: 0 loss: 0.21477612853050232 mean_loss: 0.00015307725698221475 step: 1771  Epoch: 0 loss: 0.1082359105348587 mean_loss: 0.0016422574408352375 step: 1772  Epoch: 0 loss: 0.009774013422429562 mean_loss: 5.665643129759701e-06 step: 1773  Epoch: 0 loss: 0.009734956547617912 mean_loss: 4.9071140892920084e-06 step: 1774  Epoch: 0 loss: 0.2161737084388733 mean_loss: 0.0003573200083337724	•	loss:	0.19394412636756897	mean_loss: 0.0002248719974886626
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<pre>step: 1771 Epoch: 0 loss: 0.1082359105348587 mean_loss: 0.0016422574408352375 step: 1772 Epoch: 0 loss: 0.009774013422429562 mean_loss: 5.665643129759701e-06 step: 1773 Epoch: 0 loss: 0.009734956547617912 mean_loss: 4.9071140892920084e-06 step: 1774 Epoch: 0 loss: 0.2161737084388733 mean_loss: 0.0003573200083337724</pre>	<del>-</del>			
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<pre>step: 1772 Epoch: 0    loss: 0.009774013422429562    mean_loss: 5.665643129759701e-06 step: 1773 Epoch: 0    loss: 0.009734956547617912    mean_loss: 4.9071140892920084e-06 step: 1774 Epoch: 0    loss: 0.2161737084388733    mean_loss: 0.0003573200083337724</pre>	step: 1771			
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<pre>step: 1773 Epoch: 0    loss: 0.009734956547617912</pre>	step: 1772			
Epoch: 0 loss: 0.009734956547617912 mean_loss: 4.9071140892920084e-06 step: 1774	Epoch: 0	loss:	0.009774013422429562	mean_loss: 5.665643129759701e-06
Epoch: 0 loss: 0.009734956547617912 mean_loss: 4.9071140892920084e-06 step: 1774	step: 1773			
step: 1774 Epoch: 0 loss: 0.2161737084388733 mean_loss: 0.0003573200083337724	-	loss:	0.009734956547617912	mean_loss: 4.9071140892920084e-06
Epoch: 0 loss: 0.2161737084388733 mean_loss: 0.0003573200083337724	-			
	-	loss:	0.2161737084388733	mean_loss: 0.0003573200083337724
	step: 1775			

Epoch: 0	loss:	0.00965387187898159	mean_loss: 2.2099760826677084e-05
step: 1776 Epoch: 0 step: 1777	loss:	0.009615295566618443	mean_loss: 4.845346666115802e-06
Epoch: 0 step: 1778	loss:	0.009576871991157532	mean_loss: 5.6066223805828486e-06
Epoch: 0 step: 1779	loss:	0.009538603946566582	mean_loss: 7.252439445437631e-06
Epoch: 0 step: 1780	loss:	0.00950048677623272	mean_loss: 5.473655164678348e-06
Epoch: 0 step: 1781	loss:	0.009462523274123669	mean_loss: 3.978149834438227e-05
Epoch: 0 step: 1782	loss:	0.043240662664175034	mean_loss: 8.621602319180965e-05
Epoch: 0 step: 1783	loss:	0.055315762758255005	mean_loss: 2.0138850231887773e-05
Epoch: 0 step: 1784	loss:	0.0072365328669548035	mean_loss: 3.70427346751967e-06
Epoch: 0 step: 1785		0.2875059247016907	mean_loss: 0.020536402240395546
Epoch: 0 step: 1786		0.0074632251635193825	mean_loss: 1.0207666491623968e-05
Epoch: 0 step: 1787		0.19887518882751465	mean_loss: 0.0001910522551042959
Epoch: 0 step: 1788		0.007370881736278534	mean_loss: 3.5452105748845497e-06
Epoch: 0 step: 1789		0.007341427728533745	mean_loss: 3.373896561242873e-06
Epoch: 0 step: 1790		0.25744983553886414	mean_loss: 0.0008386097615584731
Epoch: 0 step: 1791		0.0072362665086984634 0.007207350339740515	<del>-</del>
Epoch: 0 step: 1792 Epoch: 0		0.7353610396385193	mean_loss: 3.648105348474928e-06 mean_loss: 0.000277915591141209
step: 1793 Epoch: 0		0.0071594906039536	mean_loss: 0.000277913391141209 mean_loss: 2.9109221486578463e-06
step: 1794 Epoch: 0		0.0071308808401227	mean_loss: 3.4782017337420257e-06
step: 1795 Epoch: 0		0.2753696143627167	mean_loss: 0.0001743971515679732
step: 1796 Epoch: 0		0.2547813653945923	mean_loss: 0.0001290262007387355
step: 1797 Epoch: 0		0.06667677313089371	mean_loss: 3.018788993358612e-05
step: 1798 Epoch: 0		0.006901569198817015	mean_loss: 6.189068699313793e-06
step: 1799			_

Epoch: 0	loss:	0.0068739899434149265	mean_loss: 4.960475052939728e-06
step: 1800 Epoch: 0 step: 1801	loss:	0.006846521981060505	mean_loss: 1.924573734868318e-05
Epoch: 0 step: 1802	loss:	0.35888370871543884	mean_loss: 0.00013857257727067918
Epoch: 0 step: 1803	loss:	0.006720585748553276	mean_loss: 2.412647972960258e-06
Epoch: 0 step: 1804	loss:	0.006693730596452951	mean_loss: 0.00014247113722376525
Epoch: 0 step: 1805	loss:	0.1337195187807083	mean_loss: 6.617003964493051e-05
Epoch: 0 step: 1806	loss:	0.2813468277454376	mean_loss: 0.0001061134971678257
Epoch: 0 step: 1807	loss:	0.5869887471199036	mean_loss: 0.00025121730868704617
Epoch: 0 step: 1808	loss:	0.37068066000938416	mean_loss: 0.00013247565948404372
Epoch: 0 step: 1809		0.8212559223175049	mean_loss: 0.0003644136886578053
Epoch: 0 step: 1810		0.12365536391735077	mean_loss: 0.0001353927655145526
Epoch: 0 step: 1811		0.006769949570298195	mean_loss: 6.730353106831899e-06
Epoch: 0 step: 1812		0.006742896977812052	mean_loss: 9.01151815924095e-06
Epoch: 0 step: 1813		0.006715951953083277	mean_loss: 6.169691005197819e-06
Epoch: 0 step: 1814		0.006689115427434444	mean_loss: 2.5910544536600355e-06
Epoch: 0 step: 1815		0.006662385538220406	mean_loss: 3.2073996862891363e-06
Epoch: 0 step: 1816		0.33810073137283325	mean_loss: 0.0002489719772711396
Epoch: 0 step: 1817		0.21950751543045044	mean_loss: 0.00012256357877049595
Epoch: 0 step: 1818		0.007953937165439129	mean_loss: 9.347802006232087e-06
Epoch: 0 step: 1819		0.007922152988612652	mean_loss: 3.143678441119846e-06
Epoch: 0 step: 1820		0.007890495471656322	mean_loss: 3.1958052204572596e-06
Epoch: 0 step: 1821		0.23331744968891144	mean_loss: 0.00025115246535278857
Epoch: 0 step: 1822		0.007930431514978409	mean_loss: 3.477086238490301e-06
Epoch: 0 step: 1823	TOSS:	0.007898741401731968	mean_loss: 3.873636160278693e-05

Epoch: 0	loss:	0.00786717887967825	mean_loss: 2.8832660063926596e-06
step: 1824 Epoch: 0	loss:	0.00783574115484953	mean_loss: 2.1475683752214536e-05
step: 1825 Epoch: 0 step: 1826	loss:	0.007804429158568382	mean_loss: 5.6833005146472715e-06
Epoch: 0 step: 1827	loss:	0.007773242890834808	mean_loss: 1.0512062544876244e-05
Epoch: 0 step: 1828	loss:	0.007742180489003658	mean_loss: 4.478736173041398e-06
Epoch: 0 step: 1829	loss:	0.8685741424560547	mean_loss: 0.0005759805208072066
Epoch: 0 step: 1830	loss:	0.006422960199415684	mean_loss: 7.290563371498138e-05
Epoch: 0 step: 1831	loss:	0.006397293880581856	mean_loss: 6.156231847853633e-06
Epoch: 0 step: 1832	loss:	0.20794138312339783	mean_loss: 0.0002761587384156883
Epoch: 0 step: 1833	loss:	0.0063404361717402935	mean_loss: 3.3165888453368098e-06
Epoch: 0 step: 1834	loss:	0.006315099541097879	mean_loss: 3.7609618175338255e-06
Epoch: 0 step: 1835		0.2282770276069641	mean_loss: 0.000174127213540487
Epoch: 0 step: 1836		0.006395597942173481	mean_loss: 3.660013817352592e-06
Epoch: 0 step: 1837		0.006370040122419596	mean_loss: 2.3321258595387917e-06
Epoch: 0 step: 1838		0.006344586610794067	mean_loss: 2.989598897329415e-06
Epoch: 0 step: 1839		0.1460379809141159	mean_loss: 0.00012788176536560059
Epoch: 0 step: 1840		0.15003100037574768	mean_loss: 6.542870687553659e-05
Epoch: 0 step: 1841		0.09795743972063065	mean_loss: 3.595849921111949e-05
Epoch: 0 step: 1842		0.006306394934654236	mean_loss: 3.691707433972624e-06
Epoch: 0 step: 1843 Epoch: 0		0.006281194742769003 0.8247910141944885	mean_loss: 2.6962190986523638e-06 mean_loss: 0.00047429194091819227
step: 1844 Epoch: 0		0.08259142190217972	mean_loss: 8.35671162349172e-05
step: 1845 Epoch: 0		0.042777169495821	mean_loss: 2.505010888853576e-05
step: 1846 Epoch: 0		0.1972823143005371	mean_loss: 0.00041277692071162164
step: 1847	1000.	3.1312020110000011	modn_1055. 0.000112//0320/1102104

Epoch: 0	loss:	0.006802576594054699	mean_loss: 1.5719724615337327e-05
step: 1848 Epoch: 0	loss:	0.10674312710762024	mean_loss: 0.0010167509317398071
step: 1849 Epoch: 0	loss:	0.009628059342503548	mean_loss: 6.2875428739062045e-06
step: 1850 Epoch: 0 step: 1851	loss:	0.009589584544301033	mean_loss: 4.2857845983235165e-06
Epoch: 0 step: 1852	loss:	0.00955126527696848	mean_loss: 5.201715339353541e-06
Epoch: 0 step: 1853	loss:	0.009513099677860737	mean_loss: 5.685962605639361e-06
Epoch: 0 step: 1854	loss:	0.009475085884332657	mean_loss: 7.0124051489983685e-06
Epoch: 0 step: 1855	loss:	0.3066670596599579	mean_loss: 0.00018050268408842385
Epoch: 0 step: 1856	loss:	0.008025437593460083	mean_loss: 7.031653694866691e-06
Epoch: 0 step: 1857	loss:	0.007993369363248348	mean_loss: 4.57427131550503e-06
Epoch: 0 step: 1858	loss:	0.007961426861584187	mean_loss: 3.965157702623401e-06
Epoch: 0 step: 1859	loss:	0.2900778651237488	mean_loss: 0.00010430846305098385
Epoch: 0 step: 1860	loss:	0.008590725250542164	mean_loss: 3.820313395408448e-06
Epoch: 0 step: 1861	loss:	0.17446789145469666	mean_loss: 0.00025176291819661856
Epoch: 0 step: 1862	loss:	0.008588617667555809	mean_loss: 2.0183517335681245e-05
Epoch: 0 step: 1863	loss:	0.16296999156475067	mean_loss: 0.00010758426651591435
Epoch: 0 step: 1864	loss:	0.008665703237056732	mean_loss: 7.770848242216744e-06
Epoch: 0 step: 1865	loss:	0.008631073869764805	mean_loss: 0.00033226326922886074
Epoch: 0 step: 1866	loss:	0.12256422638893127	mean_loss: 5.304121441440657e-05
Epoch: 0 step: 1867	loss:	0.008157303556799889	mean_loss: 5.898236395296408e-06
Epoch: 0 step: 1868	loss:	0.24099180102348328	mean_loss: 0.0001631670311326161
Epoch: 0 step: 1869	loss:	0.008244365453720093	mean_loss: 9.89121417660499e-06
Epoch: 0 step: 1870		0.00821142178028822	mean_loss: 4.655330485547893e-06
Epoch: 0 step: 1871	loss:	0.008178607560694218	mean_loss: 5.639740265905857e-06

Epoch: 0	loss: 0.2	2251603603363037	mean_loss: 0.00014064084098208696
step: 1872 Epoch: 0 step: 1873	loss: 0.0	008167949505150318	mean_loss: 7.418384484481066e-05
Epoch: 0 step: 1874	loss: 1.2	2345178127288818	mean_loss: 0.00047248066402971745
Epoch: 0 step: 1875	loss: 0.8	3612478375434875	mean_loss: 0.0011368341511115432
Epoch: 0 step: 1876	loss: 0.6	5768057942390442	mean_loss: 0.00525536946952343
Epoch: 0 step: 1877	loss: 0.0	040754035115242004	mean_loss: 1.6042331481003202e-05
Epoch: 0 step: 1878	loss: 0.1	19482415914535522	mean_loss: 0.00014896040374878794
Epoch: 0 step: 1879		2741507887840271	mean_loss: 0.00015324007836170495
Epoch: 0 step: 1880		008436748757958412	mean_loss: 2.7183508791495115e-05
Epoch: 0 step: 1881		008403034880757332	mean_loss: 3.280240707681514e-05
Epoch: 0 step: 1882 Epoch: 0		14771641790866852 008263028226792812	mean_loss: 0.000264309870544821 mean_loss: 9.690157457953319e-05
step: 1883 Epoch: 0		008230009116232395	mean_loss: 9.690157457953519e-05 mean_loss: 3.6425678899831837e-06
step: 1884 Epoch: 0		23919019103050232	mean_loss: 0.00012609058467205614
step: 1885 Epoch: 0		008197447285056114	mean_loss: 4.128738964936929e-06
step: 1886 Epoch: 0		008164690807461739	mean_loss: 3.307214137748815e-05
step: 1887 Epoch: 0	loss: 0.0	008132063783705235	mean_loss: 2.8489657779573463e-06
step: 1888 Epoch: 0	loss: 0.2	21563979983329773	mean_loss: 0.0002128752676071599
step: 1889 Epoch: 0	loss: 0.2	24407081305980682	mean_loss: 0.00029718209407292306
step: 1890 Epoch: 0	loss: 0.0	007639031391590834	mean_loss: 3.252546230214648e-05
step: 1891 Epoch: 0 step: 1892	loss: 0.0	007608506362885237	mean_loss: 2.818528855641489e-06
Epoch: 0 step: 1893	loss: 0.0	9916172921657562	mean_loss: 3.691904203151353e-05
Epoch: 0 step: 1894	loss: 0.0	007449849508702755	mean_loss: 7.766357157379389e-06
Epoch: 0 step: 1895	loss: 0.2	26876169443130493	mean_loss: 0.0005541638820432127

Epoch: 0	loss:	0.007289671339094639	mean_loss: 0.00026146118761971593
step: 1896 Epoch: 0	loss:	0.007260540965944529	mean_loss: 9.693301763036288e-06
step: 1897 Epoch: 0	loss:	0.007231528405100107	mean_loss: 4.005100436188513e-06
step: 1898 Epoch: 0 step: 1899	loss:	0.2067754715681076	mean_loss: 0.00021427925094030797
Epoch: 0 step: 1900	loss:	0.2727903127670288	mean_loss: 0.00013809034135192633
Epoch: 0 step: 1901	loss:	0.1686571091413498	mean_loss: 9.493542893324047e-05
Epoch: 0 step: 1902	loss:	0.007278377655893564	mean_loss: 9.440861504117493e-06
Epoch: 0 step: 1903	loss:	0.053549449890851974	mean_loss: 1.9954877643613145e-05
Epoch: 0 step: 1904	loss:	0.0072766575030982494	mean_loss: 2.5370698040205752e-06
Epoch: 0 step: 1905	loss:	0.007247580215334892	mean_loss: 5.722270998376189e-06
Epoch: 0 step: 1906	loss:	0.35297974944114685	mean_loss: 0.0006096467841416597
Epoch: 0 step: 1907	loss:	0.006653367541730404	mean_loss: 8.42577082948992e-06
Epoch: 0 step: 1908	loss:	0.006626781076192856	mean_loss: 2.133507041435223e-05
Epoch: 0 step: 1909	loss:	0.006600300315767527	mean_loss: 1.0218573152087629e-05
Epoch: 0 step: 1910	loss:	0.006573925260454416	mean_loss: 6.945299446670106e-06
Epoch: 0 step: 1911	loss:	0.006547655910253525	mean_loss: 5.714560757041909e-06
Epoch: 0 step: 1912	loss:	0.32971319556236267	mean_loss: 0.00012930153752677143
Epoch: 0 step: 1913	loss:	0.006491166073828936	mean_loss: 7.938210728752892e-06
Epoch: 0 step: 1914	loss:	0.2629150450229645	mean_loss: 0.0001548427389934659
Epoch: 0 step: 1915	loss:	0.006661376915872097	mean_loss: 1.087116379494546e-05
Epoch: 0 step: 1916	loss:	0.07751208543777466	mean_loss: 9.535418939776719e-05
Epoch: 0 step: 1917		0.00722053786739707	mean_loss: 3.885232217726298e-06
Epoch: 0 step: 1918		0.14217114448547363	mean_loss: 6.649908027611673e-05
Epoch: 0 step: 1919	loss:	0.007148521952331066	mean_loss: 1.2065253031323664e-05

Epoch: 0	loss:	0.0071199568919837475	mean_loss: 5.784283985121874e-06
step: 1920 Epoch: 0 step: 1921	loss:	0.007091505452990532	mean_loss: 2.6083387183462037e-06
Epoch: 0 step: 1922	loss:	0.6081892848014832	mean_loss: 0.0011241994798183441
Epoch: 0 step: 1923	loss:	0.005541738122701645	mean_loss: 2.865837359422585e-06
Epoch: 0 step: 1924	loss:	0.005519593600183725	mean_loss: 0.0001022677679429762
Epoch: 0 step: 1925	loss:	0.10299547761678696	mean_loss: 9.467194468015805e-05
Epoch: 0 step: 1926	loss:	0.2702716588973999	mean_loss: 0.00021138884767424315
Epoch: 0 step: 1927	loss:	0.006371208466589451	mean_loss: 4.053323664265918e-06
Epoch: 0 step: 1928	loss:	0.45576411485671997	mean_loss: 0.0008971814531832933
Epoch: 0 step: 1929	loss:	0.006681244820356369	mean_loss: 3.0995606721262448e-06
Epoch: 0 step: 1930		0.006654546596109867	mean_loss: 3.7956933738314547e-06
Epoch: 0 step: 1931		0.09017372131347656	mean_loss: 0.00019603807595558465
Epoch: 0 step: 1932		0.1388789564371109	mean_loss: 4.8441306716995314e-05
Epoch: 0 step: 1933		0.5815325975418091	mean_loss: 0.0006519966991618276
Epoch: 0 step: 1934		0.006325270980596542	mean_loss: 2.8987401492486242e-06
Epoch: 0 step: 1935		0.45647117495536804	mean_loss: 0.00018135640129912645
Epoch: 0 step: 1936		0.1810765564441681	mean_loss: 0.0013731661019846797
Epoch: 0 step: 1937		0.23069578409194946	mean_loss: 8.864360279403627e-05
Epoch: 0 step: 1938		0.006430516019463539	mean_loss: 6.8192048274795525e-06
Epoch: 0 step: 1939		0.2066432386636734	mean_loss: 0.00019495289598125964
Epoch: 0 step: 1940		0.006496713496744633	mean_loss: 3.7934617012069793e-06
Epoch: 0 step: 1941		0.029039664193987846	mean_loss: 1.3508585652743932e-05
Epoch: 0 step: 1942 Epoch: 0		0.006840966176241636	mean_loss: 0.00015502/3905512616
step: 1943	TOSS:	0.1585875302553177	mean_loss: 0.0001550243905512616

Epoch: 0	loss:	0.006844730116426945	mean_loss: 4.191469633951783e-05
step: 1944 Epoch: 0	loss:	0.006817379035055637	mean_loss: 4.557670308713568e-06
step: 1945 Epoch: 0	loss:	0.21208594739437103	mean_loss: 8.822400559438393e-05
step: 1946 Epoch: 0	loss:	0.20811596512794495	mean_loss: 9.494035475654528e-05
step: 1947 Epoch: 0	loss:	0.0421733483672142	mean_loss: 1.6621426766505465e-05
step: 1948 Epoch: 0	loss:	0.0067925225012004375	mean_loss: 3.871031367452815e-06
step: 1949 Epoch: 0 step: 1950	loss:	0.006765379104763269	mean_loss: 3.0273927222879138e-06
Epoch: 0 step: 1951	loss:	0.006738345604389906	mean_loss: 4.051305950270034e-06
Epoch: 0 step: 1952	loss:	0.006711418274790049	mean_loss: 5.106820935907308e-06
Epoch: 0 step: 1953	loss:	0.056465283036231995	mean_loss: 2.9581136914202943e-05
Epoch: 0 step: 1954	loss:	0.006483323406428099	mean_loss: 7.653236934856977e-06
Epoch: 0 step: 1955	loss:	0.006457415875047445	mean_loss: 3.056770310649881e-06
Epoch: 0 step: 1956	loss:	0.0064316121861338615	mean_loss: 2.4154162474587793e-06
Epoch: 0 step: 1957	loss:	0.288865864276886	mean_loss: 0.0004186496662441641
Epoch: 0 step: 1958	loss:	0.0060733286663889885	mean_loss: 2.326873982383404e-05
Epoch: 0 step: 1959	loss:	0.006049060262739658	mean_loss: 1.0344682777940761e-05
Epoch: 0 step: 1960	loss:	0.3730689287185669	mean_loss: 0.00029124063439667225
Epoch: 0 step: 1961	loss:	0.4491356313228607	mean_loss: 0.0002931682101916522
Epoch: 0 step: 1962	loss:	0.22868673503398895	mean_loss: 0.00014474077033810318
Epoch: 0 step: 1963	loss:	0.00686397822573781	mean_loss: 2.7134026368003106e-06
Epoch: 0 step: 1964	loss:	0.10150071978569031	mean_loss: 5.1083759899483994e-05
Epoch: 0 step: 1965	loss:	0.2186523824930191	mean_loss: 0.0001230745401699096
Epoch: 0 step: 1966	loss:	0.2017560452222824	mean_loss: 0.00012949269148521125
Epoch: 0 step: 1967	loss:	0.09051940590143204	mean_loss: 0.00012366834562271833

•	oss:	0.006570144556462765	mean_loss: 3.6104709124629153e-06
step: 1968 Epoch: 0 1 step: 1969	oss:	0.521814227104187	mean_loss: 0.0003360063419677317
•	oss:	0.1668901890516281	mean_loss: 0.041806548833847046
_	oss:	0.20443201065063477	mean_loss: 0.00011259193706791848
-	oss:	0.3444235920906067	mean_loss: 0.00015333163901232183
_	oss:	0.007527632638812065	mean_loss: 3.355598209964228e-06
step: 1974	oss:	0.007497552316635847	mean_loss: 5.860084274900146e-05
step: 1975		0.21205787360668182	mean_loss: 0.0003047650679945946
step: 1976		0.40405625104904175	mean_loss: 0.00024403199495282024
step: 1977		0.02550661750137806	mean_loss: 2.9769536922685802e-05
step: 1978		0.007255522068589926	mean_loss: 3.0935420909372624e-06
step: 1979		0.19711950421333313	mean_loss: 0.0003532663104124367
step: 1980		0.00709010474383831	mean_loss: 1.0280899914505426e-05
step: 1981		0.06844466179609299 0.024268362671136856	mean_loss: 2.6127841920242645e-05 mean_loss: 9.223420420312323e-06
step: 1982		0.006319781299680471	mean_loss: 4.967821496393299e-06
step: 1983		0.006294528022408485	mean_loss: 4.666293170885183e-05
step: 1984		0.4700307548046112	mean_loss: 0.0005115097155794501
step: 1985 Epoch: 0 1	oss:	0.0826406180858612	mean_loss: 4.2994895920855924e-05
-	oss:	0.18298915028572083	mean_loss: 0.00019026210065931082
•	oss:	0.0058739567175507545	mean_loss: 2.2460069885710254e-05
•	oss:	0.03018132410943508	mean_loss: 1.0825729077623691e-05
-	oss:	0.19930942356586456	mean_loss: 9.143131319433451e-05
step: 1990 Epoch: 0 1 step: 1991	oss:	0.0056810625828802586	mean_loss: 2.6936509129882324e-06

Epoch: 0	loss:	0.005658361595124006	mean_loss: 2.098241566272918e-06
step: 1992			
Epoch: 0	loss:	0.005635750945657492	mean_loss: 2.9782615911244648e-06
step: 1993			
Epoch: 0	loss:	0.0056132301688194275	mean_loss: 2.6025063561974093e-06
step: 1994			
Epoch: 0	loss:	0.005590799730271101	mean_loss: 1.1120084309368394e-05
step: 1995			
Epoch: 0	loss:	0.09622706472873688	mean_loss: 4.6402212319662794e-05
step: 1996			
Epoch: 0	loss:	0.2730288505554199	mean_loss: 0.00022383217583410442
step: 1997			
Epoch: 0	loss:	0.2049417346715927	mean_loss: 8.548565529054031e-05
step: 1998			
Epoch: 0	loss:	0.005197959486395121	mean_loss: 3.6716087379318196e-06
step: 1999	_		
Epoch: 0	loss:	0.005177188199013472	mean_loss: 8.707327651791275e-06
step: 2000	_		3 0 50440000550000 00
Epoch: 0	loss:	0.005156500265002251	mean_loss: 2.731468839556328e-06
step: 2001	-	0.0000550004000004	
Epoch: 0	loss:	0.2922552824020386	mean_loss: 0.00023213504755403847
step: 2002	-	0.005044000056057040	1 0 0500700500040505 06
Epoch: 0	loss:	0.005014388356357813	mean_loss: 3.8520729503943585e-06
step: 2003	1	0.057000650402000245	1 0 0000003034403673FF04
Epoch: 0	loss:	0.057288650423288345	mean_loss: 0.00020032344036735594
step: 2004	1.000.	0 005169477072211906	man lagg. 2 216690E129112077a 06
Epoch: 0	TOSS:	0.005168477073311806	mean_loss: 2.2166805138112977e-06
step: 2005 Epoch: 0	1000.	0.005147824063897133	mean_loss: 3.134534836135572e-06
step: 2006	1088.	0.003147624003697133	mean_10ss. 3.134334636133372e-06
Epoch: 0	loggi	0.4282587170600891	mean_loss: 0.00020952144404873252
step: 2007	1055.	0.420230717000031	mean_1055. 0.00020932144404073232
Epoch: 0	1000.	0.0050835576839745045	mean_loss: 1.1710351827787235e-05
step: 2008	1055.	0.000000070000740040	mean_1035. 1.1/1000102//0/2006 00
Epoch: 0	1099.	0.005063244141638279	mean_loss: 2.8194192054797895e-05
step: 2009	TOBB.	0.00000211111000213	medn_1055. 2.01011020017070000 00
Epoch: 0	loss:	0.13760240375995636	mean_loss: 7.213343633338809e-05
step: 2010	1000.	0.1010021001000000	mean_1055.
Epoch: 0	loss:	0.6024370789527893	mean_loss: 0.0002568240452092141
step: 2011			
Epoch: 0	loss:	0.06637188792228699	mean_loss: 0.0003218778292648494
step: 2012			
Epoch: 0	loss:	0.5474105477333069	mean_loss: 0.0003266144485678524
step: 2013	•		
Epoch: 0	loss:	0.03090369887650013	mean_loss: 0.000271567958407104
step: 2014			
Epoch: 0	loss:	0.04914850741624832	mean_loss: 1.983149013540242e-05
step: 2015			- -
-			

Epoch: 0 step: 2016	loss:	0.005386125762015581	mean_loss: 6.1711843954981305e-06
Epoch: 0 step: 2017	loss:	0.186140775680542	mean_loss: 0.00015084841288626194
Epoch: 0 step: 2018	loss:	0.07876737415790558	mean_loss: 2.9174945666454732e-05
Epoch: 0 step: 2019	loss:	0.004766982514411211	mean_loss: 3.5659163586387876e-06
Epoch: 0 step: 2020	loss:	0.004747933708131313	mean_loss: 3.2301154533342924e-06
Epoch: 0 step: 2021	loss:	0.3063170611858368	mean_loss: 0.0005029889871366322
Epoch: 0 step: 2022	loss:	0.5428814888000488	mean_loss: 0.0002462095580995083
Epoch: 0 step: 2023		0.12265586853027344	mean_loss: 9.692593448562548e-05
Epoch: 0 step: 2024		0.00366427144035697	mean_loss: 1.2055120350851212e-05
Epoch: 0 step: 2025		0.24091799557209015	mean_loss: 0.00024559636949561536
Epoch: 0 step: 2026		0.003711677622050047	mean_loss: 1.4458436226050253e-06
Epoch: 0 step: 2027		0.8376391530036926	mean_loss: 0.0004692664369940758
Epoch: 0 step: 2028		0.17122700810432434	mean_loss: 8.133409573929384e-05
Epoch: 0 step: 2029 Epoch: 0		0.003677150933071971 0.02915382757782936	mean_loss: 2.494017962817452e-06 mean_loss: 2.3781665731803514e-05
step: 2030 Epoch: 0		0.6503589153289795	mean loss: 0.00045963440788909793
step: 2031 Epoch: 0		0.18184822797775269	<del>-</del>
step: 2032 Epoch: 0		0.003891842905431986	mean_loss: 7.82403822086053e-06
step: 2033 Epoch: 0	loss:	0.029607273638248444	mean_loss: 4.2673051211750135e-05
step: 2034 Epoch: 0	loss:	0.004536775406450033	mean_loss: 2.3058653368934756e-06
step: 2035 Epoch: 0	loss:	0.8602995276451111	mean_loss: 0.0003075802233070135
step: 2036 Epoch: 0	loss:	0.22289937734603882	mean_loss: 0.00013544110697694123
step: 2037 Epoch: 0	loss:	0.00403619697317481	mean_loss: 2.224873696832219e-06
step: 2038 Epoch: 0 step: 2039	loss:	0.2171107977628708	mean_loss: 0.00013079096970614046

Epoch: 0	loss:	0.4111996293067932	mean_loss: 0.00020342750940471888
step: 2040 Epoch: 0 step: 2041	loss:	0.0037300377152860165	mean_loss: 2.0702448182419175e-06
Epoch: 0 step: 2042	loss:	0.003715132363140583	mean_loss: 1.3666186532645952e-05
Epoch: 0 step: 2043	loss:	0.23515678942203522	mean_loss: 0.0018090035300701857
Epoch: 0 step: 2044	loss:	0.003573802299797535	mean_loss: 6.340172149066348e-06
Epoch: 0 step: 2045	loss:	0.23194409906864166	mean_loss: 0.00017067728913389146
Epoch: 0 step: 2046	loss:	0.303912878036499	mean_loss: 0.0005306868115440011
Epoch: 0 step: 2047	loss:	0.1879170686006546	mean_loss: 7.352624379564077e-05
Epoch: 0 step: 2048	loss:	0.003153648693114519	mean_loss: 1.2247343192939297e-06
Epoch: 0 step: 2049	loss:	0.18529611825942993	mean_loss: 0.00011900920799234882
Epoch: 0 step: 2050	loss:	0.14959008991718292	mean_loss: 7.396694854833186e-05
Epoch: 0 step: 2051	loss:	0.22548934817314148	mean_loss: 9.989518002839759e-05
Epoch: 0 step: 2052	loss:	0.0039585549384355545	mean_loss: 2.3873235477367416e-05
Epoch: 0 step: 2053	loss:	0.07400554418563843	mean_loss: 3.2640837162034586e-05
Epoch: 0 step: 2054	loss:	0.2360907346010208	mean_loss: 0.00016950708231888711
Epoch: 0 step: 2055	loss:	0.04846429452300072	mean_loss: 2.35971874644747e-05
Epoch: 0 step: 2056	loss:	0.004694661591202021	mean_loss: 4.1388237150385976e-05
Epoch: 0 step: 2057	loss:	0.18336543440818787	mean_loss: 9.813099313760176e-05
Epoch: 0 step: 2058		0.23898878693580627	mean_loss: 0.0009879624703899026
Epoch: 0 step: 2059		0.004508079029619694	mean_loss: 4.70551503894967e-06
Epoch: 0 step: 2060		0.004490065388381481	mean_loss: 2.907355110437493e-06
Epoch: 0 step: 2061		0.08005719631910324	mean_loss: 7.61027549742721e-05
Epoch: 0 step: 2062		0.1889375001192093	mean_loss: 0.00012369999603834003
Epoch: 0 step: 2063	loss:	0.005057258531451225	mean_loss: 3.198122612957377e-06

Epoch: 0 loss: 0.005037049762904644 mean_loss: 6.8388708314159885e-06 step: 2064	п 1 0	,	0.005007040760004644	7
Epoch: 0 toss: 0.005016921553760767 mean_loss: 2.0976035557396244e-06 step: 2065	Epoch: 0	loss:	0.005037049762904644	mean_loss: 6.8388708314159885e-06
step: 2065         Epoch: 0         loss: 0.6694818735122681         mean_loss: 0.00040722868288867176           Epoch: 0         loss: 0.5994422435760498         mean_loss: 0.0012021030997857451           Step: 2067         Epoch: 0         loss: 0.13700726628303528         mean_loss: 4.798936424776912e-05           Epoch: 0         loss: 0.42564672231674194         mean_loss: 0.004893042612820864           Epoch: 0         loss: 0.3403699994087219         mean_loss: 0.00014894867490511388           Step: 2070         Epoch: 0         loss: 0.06209447607398033         mean_loss: 0.000014894867490511388           Step: 2071         Epoch: 0         loss: 0.06209447607398033         mean_loss: 0.00030437088571488857           Step: 2071         Epoch: 0         loss: 0.0037688545417040586         mean_loss: 0.00030437088571488857           Step: 2073         Epoch: 0         loss: 0.0037537943571805954         mean_loss: 1.4143822681944584e-06           Step: 2076         Epoch: 0         loss: 0.06606665998697281         mean_loss: 7.158327935030684e-05           Step: 2076         Epoch: 0         loss: 0.026285849094200134         mean_loss: 0.00018316392379347235           Epoch: 0         loss: 0.0039170775562524796         mean_loss: 0.00018316392379347235           Epoch: 0         loss: 0.05303019657731056         mean_loss: 0.000192480729310773	_	_		
Epoch: 0 loss: 0.6694818735122681 mean_loss: 0.00040722868288867176 step: 2066 Epoch: 0 loss: 0.5994422435760498 mean_loss: 0.0012021030997857451 Epoch: 0 loss: 0.13700726628303528 mean_loss: 4.798936424776912e-05 step: 2068 Epoch: 0 loss: 0.42564672231674194 mean_loss: 0.004893042612820864 step: 2070 Epoch: 0 loss: 0.3403699994087219 mean_loss: 0.00014894867490511388 step: 2070 Epoch: 0 loss: 0.06209447607398033 mean_loss: 8.84139517438598e-05 step: 2071 Epoch: 0 loss: 0.082997650814056396 mean_loss: 0.00030437088571488857 step: 2072 Epoch: 0 loss: 0.0037688545417040586 mean_loss: 5.633783530356595e-06 step: 2073 Epoch: 0 loss: 0.0037537943571805954 mean_loss: 1.4143822681944584e-06 step: 2074 Epoch: 0 loss: 0.003738794242963195 mean_loss: 7.158327935030684e-05 step: 2076 Epoch: 0 loss: 0.06606665998697281 mean_loss: 7.158327935030684e-05 step: 2077 Epoch: 0 loss: 0.06606665998697281 mean_loss: 1.855312984844204e-05 step: 2077 Epoch: 0 loss: 0.05303019657731056 mean_loss: 0.00031957076862454414 step: 2079 Epoch: 0 loss: 0.05303019657731056 mean_loss: 0.00031957076862454414 step: 2080 Epoch: 0 loss: 0.20533430576324463 mean_loss: 0.0001924807293107733 step: 2080 Epoch: 0 loss: 0.20533430576324463 mean_loss: 0.0001924807293107733 step: 2082 Epoch: 0 loss: 0.20533430576324463 mean_loss: 0.0001924807293107733 step: 2082 Epoch: 0 loss: 0.2053430576324463 mean_loss: 0.0001924807293107733 step: 2082 Epoch: 0 loss: 0.205343057632463 mean_loss: 0.0001924807293107733 step: 2084 Epoch: 0 loss: 0.004512536805123091 mean_loss: 1.74356887328031e-06 step: 2086 Epoch: 0 loss: 0.004512536805123091 mean_loss: 1.74356887328031e-06 step: 2086 Epoch: 0 loss: 0.3676176369190216 mean_loss: 0.00036361959064379334	-	loss:	0.005016921553760767	mean_loss: 2.09/603555/396244e-06
Step: 2066   Epoch: 0   10ss: 0.5994422435760498   mean_loss: 0.0012021030997857451   step: 2067   Epoch: 0   loss: 0.13700726628303528   mean_loss: 4.798936424776912e-05   step: 2068   Epoch: 0   loss: 0.42564672231674194   mean_loss: 0.004893042612820864   step: 2069   Epoch: 0   loss: 0.3403699994087219   mean_loss: 0.00014894867490511388   step: 2070   Epoch: 0   loss: 0.06209447607398033   mean_loss: 8.84139517438598e-05   step: 2071   Epoch: 0   loss: 0.037688545417040586   mean_loss: 0.00030437088571488857   step: 2072   Epoch: 0   loss: 0.0037688545417040586   mean_loss: 5.633783530356595e-06   step: 2073   Epoch: 0   loss: 0.0037637943571805954   mean_loss: 1.4143822681944584e-06   step: 2074   Epoch: 0   loss: 0.003783794242963195   mean_loss: 4.710590474132914e-06   step: 2076   Epoch: 0   loss: 0.06606665998697281   mean_loss: 7.158327935030684e-05   step: 2076   Epoch: 0   loss: 0.0039170775562524796   mean_loss: 1.855312984844204e-05   step: 2078   Epoch: 0   loss: 0.0039170775562524796   mean_loss: 1.855312984844204e-05   step: 2078   Epoch: 0   loss: 0.05303019657731056   mean_loss: 0.0003195707686245414   step: 2079   Epoch: 0   loss: 0.0044190711341798306   mean_loss: 0.00031957076862454414   step: 2089   Epoch: 0   loss: 0.20533430576324463   mean_loss: 0.0001924807293107733   step: 2082   Epoch: 0   loss: 0.20533430576324463   mean_loss: 0.0001924807293107733   step: 2082   Epoch: 0   loss: 0.20533430576324463   mean_loss: 0.0001924807293107733   step: 2084   Epoch: 0   loss: 0.004530641715973616   mean_loss: 1.74356887328031e-06   step: 2084   Epoch: 0   loss: 0.004530641715973616   mean_loss: 0.00036361959064379334   step: 2086   Epoch: 0   loss: 0.004530641715973616   mean_loss: 0.00036361959064379334   step: 2086   Epoch: 0   loss: 0.004530641715973616   mean_loss: 0.00036361959064379334   step: 2086   Epoch: 0   loss: 0.3676176369190216   mean_loss: 0.00036361959064379334   step: 2086   Epoch: 0   loss: 0.3676176369190216   mean_loss: 0.00036361959064379334   step: 2086   Epoch: 0   l	_	_		
Epoch: 0 toss: 0.5994422435760498 mean_loss: 0.0012021030997857451 step: 2067 Epoch: 0 toss: 0.13700726628303528 mean_loss: 4.798936424776912e-05 step: 2068 Epoch: 0 toss: 0.42564672231674194 mean_loss: 0.004893042612820864 step: 2069 Epoch: 0 toss: 0.3403699994087219 mean_loss: 0.00014894867490511388 step: 2070 Epoch: 0 toss: 0.06209447607398033 mean_loss: 8.84139517438598e-05 step: 2071 Epoch: 0 toss: 0.0037688545417040586 mean_loss: 0.00030437088571488857 step: 2072 Epoch: 0 toss: 0.0037688545417040586 mean_loss: 5.633783530356595e-06 step: 2073 Epoch: 0 toss: 0.0037537943571805954 mean_loss: 1.4143822681944584e-06 step: 2074 Epoch: 0 toss: 0.003738794242963195 mean_loss: 7.158327935030684e-05 step: 2075 Epoch: 0 toss: 0.26258549094200134 mean_loss: 0.00018316392379347235 step: 2077 Epoch: 0 toss: 0.0039170775562524796 mean_loss: 1.855312984844204e-05 step: 2077 Epoch: 0 toss: 0.05303019657731056 mean_loss: 0.00031957076862454414 step: 2079 Epoch: 0 toss: 0.0044190711341798306 mean_loss: 3.2061177535069874e-06 step: 2080 Epoch: 0 toss: 0.20242251449108124 mean_loss: 0.0001924807293107733 step: 2082 Epoch: 0 toss: 0.20244271230697632 mean_loss: 0.0001924807293107733 step: 2082 Epoch: 0 toss: 0.004530641715973616 mean_loss: 5.050281288276892e-06 step: 2084 Epoch: 0 toss: 0.004530641715973616 mean_loss: 1.74356887328031e-06 step: 2086 Epoch: 0 toss: 0.004530641715973616 mean_loss: 1.74356887328031e-06 step: 2086 Epoch: 0 toss: 0.004530641715973616 mean_loss: 1.74356887328031e-06 step: 2086 Epoch: 0 toss: 0.004530641715973616 mean_loss: 1.74356887328031e-06	-	loss:	0.6694818735122681	mean_loss: 0.00040722868288867176
step: 2067         Epoch: 0         loss: 0.13700726628303528         mean_loss: 4.798936424776912e-05           Epoch: 0         loss: 0.42564672231674194         mean_loss: 0.004893042612820864           step: 2069         Epoch: 0         loss: 0.3403699994087219         mean_loss: 0.00014894867490511388           step: 2070         Epoch: 0         loss: 0.06209447607398033         mean_loss: 8.84139517438598e-05           step: 2071         Epoch: 0         loss: 0.28297650814056396         mean_loss: 0.00030437088571488857           step: 2072         Epoch: 0         loss: 0.0037688545417040586         mean_loss: 5.633783530356595e-06           step: 2073         Epoch: 0         loss: 0.0037537943571805954         mean_loss: 1.4143822681944584e-06           step: 2074         Epoch: 0         loss: 0.003783794242963195         mean_loss: 4.710590474132914e-06           step: 2075         Epoch: 0         loss: 0.26258549094200134         mean_loss: 0.00018316392379347235           step: 2076         Epoch: 0         loss: 0.05303019657731056         mean_loss: 0.00031957076862454414           step: 2078         Epoch: 0         loss: 0.0044190711341798306         mean_loss: 3.2061177535069874e-06           step: 2080         Epoch: 0         loss: 0.20533430576324463         mean_loss: 0.0001924807293107733           step: 2082         Epoch: 0	_			
Epoch: 0 step: 2068 Epoch: 0 loss: 0.42564672231674194 mean_loss: 0.004893042612820864 step: 2069 Epoch: 0 loss: 0.3403699994087219 mean_loss: 0.00014894867490511388 step: 2070 Epoch: 0 loss: 0.06209447607398033 mean_loss: 0.00014894867490511388 step: 2071 Epoch: 0 loss: 0.26297650814056396 mean_loss: 0.00030437088571488857 step: 2072 Epoch: 0 loss: 0.0037688545417040586 mean_loss: 5.633783530356595e-06 step: 2073 Epoch: 0 loss: 0.0037537943571805954 mean_loss: 1.4143822681944584e-06 step: 2075 Epoch: 0 loss: 0.003738794242963195 mean_loss: 4.710590474132914e-06 step: 2076 Epoch: 0 loss: 0.06606665998697281 mean_loss: 7.158327935030684e-05 step: 2077 Epoch: 0 loss: 0.0039170775562524796 mean_loss: 1.855312984844204e-05 step: 2078 Epoch: 0 loss: 0.05303019657731056 mean_loss: 0.00031957076862454414 step: 2079 Epoch: 0 loss: 0.05303019657731056 mean_loss: 3.2061177535069874e-06 step: 2080 Epoch: 0 loss: 0.0242451449108124 mean_loss: 4.263791561243124e-05 step: 2081 Epoch: 0 loss: 0.22044271230697632 mean_loss: 0.0001924807293107733 step: 2082 Epoch: 0 loss: 0.004530641715973616 mean_loss: 5.050281288276892e-06 step: 2084 Epoch: 0 loss: 0.004530641715973616 mean_loss: 1.74356887328031e-06 step: 2084 Epoch: 0 loss: 0.004512536805123091 mean_loss: 1.74356887328031e-06 step: 2084 Epoch: 0 loss: 0.004512536805123091 mean_loss: 1.74356887328031e-06 step: 2086 Epoch: 0 loss: 0.3676176369190216 mean_loss: 0.00036361959064379334	<del>-</del>	loss:	0.5994422435760498	mean_loss: 0.0012021030997857451
step:         2068         Loss:         0.42564672231674194         mean_loss:         0.004893042612820864           Epoch:         0         loss:         0.3403699994087219         mean_loss:         0.00014894867490511388           step:         2070         loss:         0.06209447607398033         mean_loss:         8.84139517438598e-05           step:         2071         loss:         0.28297650814056396         mean_loss:         0.00030437088571488857           step:         2072         loss:         0.0037688545417040586         mean_loss:         5.633783530356595e-06           step:         2072         loss:         0.0037537943571805954         mean_loss:         1.4143822681944584e-06           step:         2074         loss:         0.003738794242963195         mean_loss:         4.710590474132914e-06           step:         2076         loss:         0.06606665998697281         mean_loss:         7.158327935030684e-05           step:         2076         loss:         0.026258549094200134         mean_loss:         1.855312984844204e-05           step:         2077         loss:         0.05303019657731056         mean_loss:         1.855312984844204e-05           step:         2078         loss:         0.053343305659524796         mea	_	_		
Epoch: 0	-	loss:	0.13700726628303528	mean_loss: 4.798936424776912e-05
step: 2069         Epoch: 0 tops: 0.3403699994087219         mean_loss: 0.00014894867490511388           Epoch: 0 tops: 2070         loss: 0.06209447607398033         mean_loss: 8.84139517438598e-05           Epoch: 0 tops: 2071         loss: 0.28297650814056396         mean_loss: 0.00030437088571488857           Epoch: 0 tops: 2072         loss: 0.0037688545417040586         mean_loss: 5.633783530356595e-06           Epoch: 0 tops: 2073         loss: 0.0037537943571805954         mean_loss: 1.4143822681944584e-06           Epoch: 0 tops: 2074         loss: 0.003738794242963195         mean_loss: 4.710590474132914e-06           Epoch: 0 tops: 2075         loss: 0.06606665998697281         mean_loss: 7.158327935030684e-05           Epoch: 0 tops: 2076         loss: 0.26258549094200134         mean_loss: 0.00018316392379347235           Epoch: 0 tops: 2077         loss: 0.0039170775562524796         mean_loss: 1.855312984844204e-05           Epoch: 0 tops: 2078         loss: 0.05303019657731056         mean_loss: 0.00031957076862454414           Epoch: 0 tops: 2080         loss: 0.10224251449108124         mean_loss: 3.2061177535069874e-06           Epoch: 0 tops: 2081         loss: 0.20533430576324463         mean_loss: 0.00012571805564220995           Epoch: 0 tops: 2082         loss: 0.004530641715973616         mean_loss: 5.050281288276892e-06           Epoch: 0 tops: 2084         loss: 0.004530641715973616	_			
Epoch: 0	<del>-</del>	loss:	0.42564672231674194	mean_loss: 0.004893042612820864
step: 2070         Epoch: 0 step: 2071         loss: 0.06209447607398033         mean_loss: 8.84139517438598e-05           Epoch: 0 step: 2072         loss: 0.28297650814056396         mean_loss: 0.00030437088571488857           Epoch: 0 step: 2073         loss: 0.0037688545417040586         mean_loss: 5.633783530356595e-06           Step: 2073         Epoch: 0 step: 2074         loss: 0.0037387943571805954         mean_loss: 1.4143822681944584e-06           Etpoch: 0 step: 2074         loss: 0.003738794242963195         mean_loss: 4.710590474132914e-06           Epoch: 0 step: 2075         loss: 0.06606665998697281         mean_loss: 7.158327935030684e-05           Epoch: 0 step: 2076         loss: 0.26258549094200134         mean_loss: 0.00018316392379347235           Epoch: 0 step: 2077         loss: 0.0039170775562524796         mean_loss: 1.855312984844204e-05           Epoch: 0 step: 2079         loss: 0.05303019657731056         mean_loss: 0.00031957076862454414           Epoch: 0 step: 2080         loss: 0.10224251449108124         mean_loss: 3.2061177535069874e-06           Epoch: 0 step: 2081         loss: 0.220344271230697632         mean_loss: 0.00012571805564220995           Epoch: 0 step: 2083         loss: 0.004530641715973616         mean_loss: 5.050281288276892e-06           Epoch: 0 step: 2084         loss: 0.004530641715973616         mean_loss: 0.00036361959064379334           Epoch: 0 step	_			
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step: 2071         Epoch: 0 loss: 0.28297650814056396         mean_loss: 0.00030437088571488857           step: 2072         Epoch: 0 loss: 0.0037688545417040586         mean_loss: 5.633783530356595e-06           step: 2073         Epoch: 0 loss: 0.0037537943571805954         mean_loss: 1.4143822681944584e-06           step: 2074         Epoch: 0 loss: 0.003738794242963195         mean_loss: 4.710590474132914e-06           step: 2075         Epoch: 0 loss: 0.06606665998697281         mean_loss: 7.158327935030684e-05           step: 2076         Epoch: 0 loss: 0.26258549094200134         mean_loss: 0.00018316392379347235           step: 2077         Epoch: 0 loss: 0.0039170775562524796         mean_loss: 0.00018316392379347235           step: 2078         Epoch: 0 loss: 0.05303019657731056         mean_loss: 0.00031957076862454414           step: 2079         Epoch: 0 loss: 0.0044190711341798306         mean_loss: 3.2061177535069874e-06           step: 2080         Epoch: 0 loss: 0.10224251449108124         mean_loss: 4.263791561243124e-05           step: 2081         Epoch: 0 loss: 0.20533430576324463         mean_loss: 0.0001924807293107733           step: 2082         Epoch: 0 loss: 0.004530641715973616         mean_loss: 5.050281288276892e-06           step: 2084         Epoch: 0 loss: 0.004530641715973616         mean_loss: 0.00036361959064379334           step: 2085         Epoch: 0 loss: 0.3676176369190216	_			
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step: 2072         Step ch: 0 tops: 0.0037688545417040586         mean_loss: 5.633783530356595e-06           step: 2073         mean_loss: 5.633783530356595e-06           Epoch: 0 tops: 0.0037537943571805954         mean_loss: 1.4143822681944584e-06           step: 2074         mean_loss: 4.710590474132914e-06           Epoch: 0 tops: 0.06606665998697281         mean_loss: 7.158327935030684e-05           Epoch: 0 tops: 0.26258549094200134         mean_loss: 0.00018316392379347235           Epoch: 0 tops: 0.05303019657731056         mean_loss: 0.00031957076862454414           Step: 2079         mean_loss: 0.0003195707686245414           Epoch: 0 tops: 0.05303019657731056         mean_loss: 0.00031957076862454414           Step: 2080         mean_loss: 3.2061177535069874e-06           Epoch: 0 tops: 0.10224251449108124         mean_loss: 3.2061177535069874e-05           Epoch: 0 tops: 0.20533430576324463         mean_loss: 0.0001924807293107733           Step: 2082         mean_loss: 0.0001924807293107733           Epoch: 0 tops: 0.004530641715973616         mean_loss: 0.00012571805564220995           Step: 2084         mean_loss: 0.00012571805564220995           Epoch: 0 tops: 0.004530641715973616         mean_loss: 0.00036361959064379334           Epoch: 0 tops: 0.3676176369190216         mean_loss: 0.00036361959064379334           Step: 2085         mean_loss: 0.00036361959064379334 <td>_</td> <td></td> <td></td> <td></td>	_			
Epoch: 0	<del>-</del>	loss:	0.28297650814056396	mean_loss: 0.00030437088571488857
step: 2073         Epoch: 0 loss: 0.0037537943571805954         mean_loss: 1.4143822681944584e-06           step: 2074         Epoch: 0 loss: 0.003738794242963195         mean_loss: 4.710590474132914e-06           step: 2076         Epoch: 0 loss: 0.06606665998697281         mean_loss: 7.158327935030684e-05           Epoch: 0 loss: 0.26258549094200134         mean_loss: 0.00018316392379347235           step: 2077         Epoch: 0 loss: 0.0039170775562524796         mean_loss: 1.855312984844204e-05           step: 2078         Epoch: 0 loss: 0.05303019657731056         mean_loss: 0.00031957076862454414           step: 2079         Epoch: 0 loss: 0.0044190711341798306         mean_loss: 3.2061177535069874e-06           step: 2080         Epoch: 0 loss: 0.10224251449108124         mean_loss: 4.263791561243124e-05           step: 2081         Epoch: 0 loss: 0.20533430576324463         mean_loss: 0.0001924807293107733           step: 2082         Epoch: 0 loss: 0.22044271230697632         mean_loss: 0.00012571805564220995           step: 2083         Epoch: 0 loss: 0.004530641715973616         mean_loss: 1.74356887328031e-06           step: 2085         Epoch: 0 loss: 0.3676176369190216         mean_loss: 0.00036361959064379334           step: 2085           Epoch: 0 loss: 0.3676176369190216         mean_loss: 0.00036361959064379334	-			
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step:         2074           Epoch:         0         loss:         0.003738794242963195         mean_loss:         4.710590474132914e-06           step:         2075         Epoch:         0         loss:         0.06606665998697281         mean_loss:         7.158327935030684e-05           step:         2076         Epoch:         0         loss:         0.26258549094200134         mean_loss:         0.00018316392379347235           step:         2077         Epoch:         0         loss:         0.0039170775562524796         mean_loss:         1.855312984844204e-05           step:         2078         Epoch:         0         loss:         0.05303019657731056         mean_loss:         0.00031957076862454414           step:         2079         Epoch:         0         loss:         0.0044190711341798306         mean_loss:         3.2061177535069874e-06           step:         2080         Epoch:         0         loss:         0.10224251449108124         mean_loss:         4.263791561243124e-05           step:         2081         Epoch:         0         loss:         0.20533430576324463         mean_loss:         0.0001924807293107733           step:         2082         Epoch:         0         loss:         0.00453064171	_			
Epoch: 0	-	loss:	0.0037537943571805954	mean_loss: 1.4143822681944584e-06
step: 2075       Epoch: 0       loss: 0.06606665998697281       mean_loss: 7.158327935030684e-05         step: 2076       Epoch: 0       loss: 0.26258549094200134       mean_loss: 0.00018316392379347235         step: 2077       Epoch: 0       loss: 0.0039170775562524796       mean_loss: 1.855312984844204e-05         step: 2078       Epoch: 0       loss: 0.05303019657731056       mean_loss: 0.00031957076862454414         step: 2079       Epoch: 0       loss: 0.0044190711341798306       mean_loss: 3.2061177535069874e-06         step: 2080       Epoch: 0       loss: 0.10224251449108124       mean_loss: 4.263791561243124e-05         step: 2081       Epoch: 0       loss: 0.20533430576324463       mean_loss: 0.0001924807293107733         step: 2082       Epoch: 0       loss: 0.22044271230697632       mean_loss: 0.00012571805564220995         step: 2083       Epoch: 0       loss: 0.004530641715973616       mean_loss: 5.050281288276892e-06         step: 2084       Epoch: 0       loss: 0.004512536805123091       mean_loss: 0.00036361959064379334         step: 2085       Epoch: 0       loss: 0.3676176369190216       mean_loss: 0.00036361959064379334         step: 2086	step: 2074			
Epoch: 0 loss: 0.06606665998697281 mean_loss: 7.158327935030684e-05 step: 2076 Epoch: 0 loss: 0.26258549094200134 mean_loss: 0.00018316392379347235 step: 2077 Epoch: 0 loss: 0.0039170775562524796 mean_loss: 1.855312984844204e-05 step: 2078 Epoch: 0 loss: 0.05303019657731056 mean_loss: 0.00031957076862454414 step: 2079 Epoch: 0 loss: 0.0044190711341798306 mean_loss: 3.2061177535069874e-06 step: 2080 Epoch: 0 loss: 0.10224251449108124 mean_loss: 4.263791561243124e-05 step: 2081 Epoch: 0 loss: 0.20533430576324463 mean_loss: 0.0001924807293107733 step: 2082 Epoch: 0 loss: 0.22044271230697632 mean_loss: 0.00012571805564220995 step: 2083 Epoch: 0 loss: 0.004530641715973616 mean_loss: 5.050281288276892e-06 step: 2084 Epoch: 0 loss: 0.004512536805123091 mean_loss: 1.74356887328031e-06 step: 2085 Epoch: 0 loss: 0.3676176369190216 mean_loss: 0.000036361959064379334 step: 2086	Epoch: 0	loss:	0.003738794242963195	mean_loss: 4.710590474132914e-06
step: 2076Epoch: 0loss: 0.26258549094200134mean_loss: 0.00018316392379347235step: 2077Epoch: 0loss: 0.0039170775562524796mean_loss: 1.855312984844204e-05step: 2078Epoch: 0loss: 0.05303019657731056mean_loss: 0.00031957076862454414step: 2079Epoch: 0loss: 0.0044190711341798306mean_loss: 3.2061177535069874e-06step: 2080Epoch: 0loss: 0.10224251449108124mean_loss: 4.263791561243124e-05step: 2081Epoch: 0loss: 0.20533430576324463mean_loss: 0.0001924807293107733step: 2082Epoch: 0loss: 0.22044271230697632mean_loss: 0.00012571805564220995step: 2083Epoch: 0loss: 0.004530641715973616mean_loss: 5.050281288276892e-06step: 2084Epoch: 0loss: 0.004512536805123091mean_loss: 1.74356887328031e-06step: 2085Epoch: 0loss: 0.3676176369190216mean_loss: 0.00036361959064379334step: 2086	step: 2075			
Epoch: 0 loss: 0.26258549094200134 mean_loss: 0.00018316392379347235 step: 2077   Epoch: 0 loss: 0.0039170775562524796 mean_loss: 1.855312984844204e-05 step: 2078   Epoch: 0 loss: 0.05303019657731056 mean_loss: 0.00031957076862454414 step: 2079   Epoch: 0 loss: 0.0044190711341798306 mean_loss: 3.2061177535069874e-06 step: 2080   Epoch: 0 loss: 0.10224251449108124 mean_loss: 4.263791561243124e-05 step: 2081   Epoch: 0 loss: 0.20533430576324463 mean_loss: 0.0001924807293107733 step: 2082   Epoch: 0 loss: 0.22044271230697632 mean_loss: 0.00012571805564220995 step: 2083   Epoch: 0 loss: 0.004530641715973616 mean_loss: 5.050281288276892e-06 step: 2084   Epoch: 0 loss: 0.004512536805123091 mean_loss: 1.74356887328031e-06 step: 2085   Epoch: 0 loss: 0.3676176369190216 mean_loss: 0.00036361959064379334 step: 2086	Epoch: 0	loss:	0.06606665998697281	mean_loss: 7.158327935030684e-05
step: 2077         Epoch: 0       loss: 0.0039170775562524796       mean_loss: 1.855312984844204e-05         step: 2078       step: 2078         Epoch: 0       loss: 0.05303019657731056       mean_loss: 0.00031957076862454414         step: 2079       step: 2079         Epoch: 0       loss: 0.0044190711341798306       mean_loss: 3.2061177535069874e-06         step: 2080       step: 2080         Epoch: 0       loss: 0.10224251449108124       mean_loss: 4.263791561243124e-05         step: 2081       step: 2081         Epoch: 0       loss: 0.20533430576324463       mean_loss: 0.0001924807293107733         step: 2082       step: 2082         Epoch: 0       loss: 0.22044271230697632       mean_loss: 0.00012571805564220995         step: 2083       step: 2084         Epoch: 0       loss: 0.004530641715973616       mean_loss: 5.050281288276892e-06         step: 2085       step: 2085         Epoch: 0       loss: 0.3676176369190216       mean_loss: 0.00036361959064379334         step: 2086       step: 2086	step: 2076			
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<pre>step: 2078 Epoch: 0</pre>	step: 2077			
Epoch: 0 loss: 0.05303019657731056 mean_loss: 0.00031957076862454414 step: 2079  Epoch: 0 loss: 0.0044190711341798306 mean_loss: 3.2061177535069874e-06 step: 2080  Epoch: 0 loss: 0.10224251449108124 mean_loss: 4.263791561243124e-05 step: 2081  Epoch: 0 loss: 0.20533430576324463 mean_loss: 0.0001924807293107733 step: 2082  Epoch: 0 loss: 0.22044271230697632 mean_loss: 0.00012571805564220995 step: 2083  Epoch: 0 loss: 0.004530641715973616 mean_loss: 5.050281288276892e-06 step: 2084  Epoch: 0 loss: 0.004512536805123091 mean_loss: 1.74356887328031e-06 step: 2085  Epoch: 0 loss: 0.3676176369190216 mean_loss: 0.00036361959064379334 step: 2086	Epoch: 0	loss:	0.0039170775562524796	mean_loss: 1.855312984844204e-05
<pre>step: 2079 Epoch: 0</pre>	step: 2078			
Epoch: 0 loss: 0.0044190711341798306 mean_loss: 3.2061177535069874e-06 step: 2080	Epoch: 0	loss:	0.05303019657731056	mean_loss: 0.00031957076862454414
<pre>step: 2080 Epoch: 0    loss: 0.10224251449108124    mean_loss: 4.263791561243124e-05 step: 2081 Epoch: 0    loss: 0.20533430576324463    mean_loss: 0.0001924807293107733 step: 2082 Epoch: 0    loss: 0.22044271230697632    mean_loss: 0.00012571805564220995 step: 2083 Epoch: 0    loss: 0.004530641715973616    mean_loss: 5.050281288276892e-06 step: 2084 Epoch: 0    loss: 0.004512536805123091    mean_loss: 1.74356887328031e-06 step: 2085 Epoch: 0    loss: 0.3676176369190216    mean_loss: 0.00036361959064379334 step: 2086</pre>	step: 2079			
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<pre>step: 2081 Epoch: 0     loss: 0.20533430576324463</pre>	step: 2080			
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Epoch: 0 loss: 0.20533430576324463 mean_loss: 0.0001924807293107733 step: 2082  Epoch: 0 loss: 0.22044271230697632 mean_loss: 0.00012571805564220995 step: 2083  Epoch: 0 loss: 0.004530641715973616 mean_loss: 5.050281288276892e-06 step: 2084  Epoch: 0 loss: 0.004512536805123091 mean_loss: 1.74356887328031e-06 step: 2085  Epoch: 0 loss: 0.3676176369190216 mean_loss: 0.00036361959064379334 step: 2086	step: 2081			
<pre>step: 2082 Epoch: 0    loss: 0.22044271230697632</pre>	_	loss:	0.20533430576324463	mean_loss: 0.0001924807293107733
Epoch: 0 loss: 0.22044271230697632 mean_loss: 0.00012571805564220995 step: 2083  Epoch: 0 loss: 0.004530641715973616 mean_loss: 5.050281288276892e-06 step: 2084  Epoch: 0 loss: 0.004512536805123091 mean_loss: 1.74356887328031e-06 step: 2085  Epoch: 0 loss: 0.3676176369190216 mean_loss: 0.00036361959064379334 step: 2086	<del>-</del>			
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Epoch: 0 loss: 0.004530641715973616 mean_loss: 5.050281288276892e-06 step: 2084  Epoch: 0 loss: 0.004512536805123091 mean_loss: 1.74356887328031e-06 step: 2085  Epoch: 0 loss: 0.3676176369190216 mean_loss: 0.00036361959064379334 step: 2086	step: 2083			_
<pre>step: 2084 Epoch: 0     loss: 0.004512536805123091     mean_loss: 1.74356887328031e-06 step: 2085 Epoch: 0     loss: 0.3676176369190216     mean_loss: 0.00036361959064379334 step: 2086</pre>	_	loss:	0.004530641715973616	mean loss: 5.050281288276892e-06
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step: 2085 Epoch: 0 loss: 0.3676176369190216 mean_loss: 0.00036361959064379334 step: 2086	_	loss:	0.004512536805123091	mean loss: 1.74356887328031e-06
Epoch: 0 loss: 0.3676176369190216 mean_loss: 0.00036361959064379334 step: 2086	-			_
step: 2086	_	loss:	0.3676176369190216	mean loss: 0.00036361959064379334
	-			_
	_	loss:	0.28362318873405457	mean loss: 0.00015543885820079595
step: 2087	•			-

Epoch: 0 step: 2088	loss:	0.04021325707435608	mean_loss: 0.0016820289893075824
Epoch: 0 step: 2089	loss:	0.00471540866419673	mean_loss: 2.7339478037902154e-05
Epoch: 0 step: 2090	loss:	0.37509411573410034	mean_loss: 0.00020102971757296473
Epoch: 0 step: 2091	loss:	0.004572580568492413	mean_loss: 2.199820301029831e-06
Epoch: 0 step: 2092	loss:	0.004554308485239744	mean_loss: 3.3283479297097074e-06
Epoch: 0 step: 2093		0.004536109510809183	mean_loss: 1.6634071471344214e-06
Epoch: 0 step: 2094		0.27354371547698975	mean_loss: 0.00014770269626751542
Epoch: 0 step: 2095		0.0612640380859375	mean_loss: 4.212053681840189e-05
Epoch: 0 step: 2096	loss:	0.004373371601104736	mean_loss: 1.314134533458855e-05
Epoch: 0 step: 2097	loss:	0.004355895798653364	mean_loss: 1.2447399058146402e-05
Epoch: 0 step: 2098	loss:	0.06157633662223816	mean_loss: 4.195421206532046e-05
Epoch: 0 step: 2099	loss:	0.004391191992908716	mean_loss: 1.6268426179522066e-06
Epoch: 0 step: 2100	loss:	0.004373644944280386	mean_loss: 1.7064243138520396e-06
Epoch: 0 step: 2101	loss:	0.24289856851100922	mean_loss: 8.897446241462603e-05
Epoch: 0 step: 2102	loss:	0.20224589109420776	mean_loss: 0.000171180086908862
Epoch: 0 step: 2103		0.11403713375329971	mean_loss: 8.014618651941419e-05
Epoch: 0 step: 2104		0.004384338390082121	mean_loss: 2.453013621561695e-06
Epoch: 0 step: 2105	loss:	0.09801945090293884	mean_loss: 4.730786895379424e-05
Epoch: 0 step: 2106		0.2040395736694336	mean_loss: 0.00036379124503582716
Epoch: 0 step: 2107		0.10134238749742508	mean_loss: 7.014218863332644e-05
Epoch: 0 step: 2108	loss:	0.14513079822063446	mean_loss: 0.00013260359992273152
Epoch: 0 step: 2109		0.14148594439029694	mean_loss: 7.622096018167213e-05
Epoch: 0 step: 2110		0.004301084205508232	mean_loss: 8.516157322446816e-06
Epoch: 0 step: 2111	loss:	0.004283897113054991	mean_loss: 1.9689969121827744e-05

Epoch: 0	loss:	0.1930638551712036	mean_loss: 0.0007785626803524792
step: 2112 Epoch: 0	loss:	0.004322422668337822	mean_loss: 2.0185934772598557e-06
step: 2113 Epoch: 0	loss:	0.004305149894207716	mean_loss: 4.074899152328726e-06
step: 2114 Epoch: 0	loss:	0.004287946969270706	mean_loss: 1.549466446704173e-06
step: 2115 Epoch: 0	loss:	0.1516713947057724	mean_loss: 9.952292748494074e-05
step: 2116 Epoch: 0	loss:	0.004329022020101547	mean_loss: 5.3484841373574454e-06
step: 2117 Epoch: 0 step: 2118	loss:	0.004311723634600639	mean_loss: 9.970143764803652e-06
Epoch: 0 step: 2119	loss:	0.256212055683136	mean_loss: 0.0012201049830764532
Epoch: 0 step: 2120	loss:	0.48376142978668213	mean_loss: 0.00036796779022552073
Epoch: 0 step: 2121	loss:	0.07509807497262955	mean_loss: 5.154784594196826e-05
Epoch: 0 step: 2122	loss:	0.24384739995002747	mean_loss: 8.513052307534963e-05
Epoch: 0 step: 2123	loss:	0.1679570972919464	mean_loss: 0.00012625260569620878
Epoch: 0 step: 2124	loss:	0.0036669496912509203	mean_loss: 6.429156201193109e-05
Epoch: 0 step: 2125	loss:	0.25353220105171204	mean_loss: 0.0003566757950466126
Epoch: 0 step: 2126	loss:	0.5419073700904846	mean_loss: 0.0010759207652881742
Epoch: 0 step: 2127	loss:	0.0027752083260565996	mean_loss: 6.756366929039359e-05
Epoch: 0 step: 2128	loss:	0.14154627919197083	mean_loss: 0.00030718836933374405
Epoch: 0 step: 2129	loss:	0.037592727690935135	mean_loss: 3.9685775846010074e-05
Epoch: 0 step: 2130	loss:	0.37902432680130005	mean_loss: 0.0010413846466690302
Epoch: 0 step: 2131	loss:	0.0030567264184355736	mean_loss: 1.6230142136919312e-06
Epoch: 0 step: 2132	loss:	0.10005418211221695	mean_loss: 0.00016375746054109186
Epoch: 0 step: 2133	loss:	0.14559674263000488	mean_loss: 8.764913218328729e-05
Epoch: 0 step: 2134	loss:	0.4576108455657959	mean_loss: 0.0022884923964738846
Epoch: 0 step: 2135	loss:	0.34117522835731506	mean_loss: 0.00013276525714900345

Epoch: 0 step: 2136	loss:	0.002800484886392951	mean_loss: 1.1894768476850004e-06
Epoch: 0 step: 2137	loss:	0.21785224974155426	mean_loss: 0.00032710726372897625
Epoch: 0 step: 2138	loss:	0.32745030522346497	mean_loss: 0.0001676610845606774
Epoch: 0 step: 2139	loss:	0.13481155037879944	mean_loss: 8.489259198540822e-05
Epoch: 0 step: 2140	loss:	0.2423510104417801	mean_loss: 0.0001390114048263058
Epoch: 0 step: 2141		0.20899875462055206	mean_loss: 9.010674693854526e-05
Epoch: 0 step: 2142		0.19749745726585388	mean_loss: 9.071972453966737e-05
Epoch: 0 step: 2143		0.01717236638069153	mean_loss: 6.869513072160771e-06
Epoch: 0 step: 2144		0.13091115653514862	mean_loss: 9.821307321544737e-05
Epoch: 0 step: 2145		0.34783005714416504	mean_loss: 0.00016458290338050574 mean_loss: 0.00017345964442938566
Epoch: 0 step: 2146 Epoch: 0		0.40920019149780273 0.0927964448928833	mean_loss: 0.00017345904442950500 mean_loss: 8.293479186249897e-05
step: 2147 Epoch: 0		0.19570378959178925	mean_loss: 0.0001439608313376084
step: 2148 Epoch: 0		0.2527238130569458	mean_loss: 0.00026929477462545037
step: 2149 Epoch: 0		0.16826669871807098	mean_loss: 0.00012021112343063578
step: 2150 Epoch: 0		0.017977427691221237	mean_loss: 6.528729954879964e-06
step: 2151 Epoch: 0	loss:	0.4351370632648468	mean_loss: 0.00021062129235360771
step: 2152 Epoch: 0	loss:	0.11382697522640228	mean_loss: 5.1275896112201735e-05
step: 2153 Epoch: 0	loss:	0.0037302568089216948	mean_loss: 1.5529908523603808e-06
step: 2154 Epoch: 0	loss:	0.0037153505254536867	mean_loss: 2.9266957426443696e-05
step: 2155 Epoch: 0	loss:	0.35654181241989136	mean_loss: 0.000230194375035353
step: 2156 Epoch: 0 step: 2157	loss:	0.010283935815095901	mean_loss: 3.9601241041964386e-06
Epoch: 0 step: 2158	loss:	0.38425999879837036	mean_loss: 0.00019879150204360485
Epoch: 0 step: 2159	loss:	0.0036107886116951704	mean_loss: 2.2071726561989635e-06

Epoch: 0	loss:	0.00359636009670794	mean_loss: 9.064401638170239e-06
step: 2160 Epoch: 0	loss:	0.005883667152374983	mean_loss: 1.0655934602255002e-05
step: 2161			
Epoch: 0 step: 2162	loss:	0.005547229200601578	mean_loss: 8.078321116045117e-06
Epoch: 0	loss:	0.42676234245300293	mean_loss: 0.0011290222173556685
step: 2163 Epoch: 0	loss:	0.0037587652914226055	mean_loss: 4.2245355871273205e-06
step: 2164	_		
Epoch: 0	loss:	0.1860499233007431	mean_loss: 7.917197945062071e-05
step: 2165 Epoch: 0	loggi	0.003771731397137046	mean_loss: 3.5264683901914395e-06
step: 2166	1088.	0.003771731397137040	mean_10ss. 3.3204003901914393e-00
Epoch: 0	loss:	0.0037566595710814	mean_loss: 2.313960521860281e-06
step: 2167			
Epoch: 0	loss:	0.18038101494312286	mean_loss: 0.00010444893996464089
step: 2168			_
Epoch: 0	loss:	0.08674845099449158	mean_loss: 6.865841714898124e-05
step: 2169			
Epoch: 0	loss:	0.02187315747141838	mean_loss: 4.5522439904743806e-05
step: 2170			
Epoch: 0	loss:	0.004207917954772711	mean_loss: 1.6792106407592655e-06
step: 2171			
Epoch: 0	loss:	0.011443558149039745	mean_loss: 8.605441689724103e-05
step: 2172			
Epoch: 0	loss:	0.004579617641866207	mean_loss: 5.127111762703862e-06
step: 2173			
Epoch: 0	loss:	0.17418046295642853	mean_loss: 8.346218965016305e-05
step: 2174			
Epoch: 0	loss:	0.004642514046281576	mean_loss: 3.62978221346566e-06
step: 2175	_		
Epoch: 0	loss:	0.2550252079963684	mean_loss: 9.203494846588e-05 step:
2176	_	0.00450400040004000	3 0 54 00005 405555
Epoch: 0	loss:	0.004581809043884277	mean_loss: 9.716932254377753e-06
step: 2177	7	0.00456050047000040	1 7000004400440500 00
Epoch: 0	loss:	0.004563500173389912	mean_loss: 1.7962361198442522e-06
step: 2178	1	0 004545064077270044	1 1 6F70001042F04000- 06
Epoch: 0	loss:	0.004545264877378941	mean_loss: 1.6570921843594988e-06
step: 2179	1	0 15020600060000552	man lagg. 0 00011600200412404107
Epoch: 0	loss:	0.15938620269298553	mean_loss: 0.00011600280413404107
step: 2180	1	0 004566460202102227	man lagg. 6 057520205144050a 06
Epoch: 0	TOSS:	0.004566460382193327	mean_loss: 6.057520295144059e-06
step: 2181 Epoch: 0	loggi	0.004548212978988886	mean_loss: 1.409990818501683e-05
step: 2182	TOSS.	0.001010212310300000	mean_1088. 1.408880010001000e-03
Epoch: 0	lossi	0.0045300377532839775	mean_loss: 1.1137592082377523e-05
step: 2183	1000.	0.001000011002000110	
200p. 2100			

Epoch: 0	loss:	0.10480447113513947	mean_loss: 5.0103062676498666e-05
step: 2184			
Epoch: 0	loss:	0.22380304336547852	mean_loss: 0.00017994624795392156
step: 2185	_		
Epoch: 0	loss:	0.005518320016562939	mean_loss: 2.0285747268644627e-06
step: 2186	_		
Epoch: 0	loss:	0.005496268626302481	mean_loss: 0.00014469202142208815
step: 2187	_		
Epoch: 0	loss:	0.027152277529239655	mean_loss: 2.0695200873888098e-05
step: 2188	-	0.00504.040.044.0400700	3 000407077774000004477
Epoch: 0	loss:	0.005316486116498709	mean_loss: 0.00012707574933301657
step: 2189	-	0.0405504575400074	7 0 000 40 450000500740 40
Epoch: 0	loss:	0.6435501575469971	mean_loss: 0.0004245892050676048
step: 2190	7	0.005450740000004075	1 0 0007007040074055 00
Epoch: 0	loss:	0.0054527102038264275	mean_loss: 2.2237227312871255e-06
step: 2191	1	0.44462204567227026	1 0.00040000047470700
Epoch: 0	loss:	0.44163304567337036	mean_loss: 0.000248808617470786
step: 2192	1	0.005601705763651133	1 1 60647F0000603306- 0F
Epoch: 0 step: 2193	loss:	0.005621785763651133	mean_loss: 4.6964752982603386e-05
Epoch: 0	1000.	0.005599320866167545	mean_loss: 3.5070097510470077e-06
step: 2194	1088.	0.005599520000107545	mean_10ss. 3.5070097510470077e-00
Epoch: 0	loggi	0.005576946772634983	mean_loss: 2.546989435359137e-06
step: 2195	TOSS.	0.000010940112004900	mean_1055. 2.340909430303107e 00
Epoch: 0	loss	0.32054662704467773	mean_loss: 0.00044397389865480363
step: 2196	TOBB.	0.02001002104101710	mean_1055. 0.0001105/005000100000
Epoch: 0	loss	0.13400979340076447	mean_loss: 7.399767491733655e-05
step: 2197	TODD.	0.101000/00100/011/	mean_1055. 1.0551011011000000 00
Epoch: 0	loss:	0.14274504780769348	mean_loss: 0.0001557459618197754
step: 2198			
Epoch: 0	loss:	0.005446008872240782	mean_loss: 1.9999124560854398e-06
step: 2199			
Epoch: 0	loss:	0.15878768265247345	mean_loss: 0.00012682881788350642
step: 2200			_
Epoch: 0	loss:	0.29477739334106445	mean_loss: 0.0005381464143283665
step: 2201			_
Epoch: 0	loss:	0.17702649533748627	mean_loss: 0.001277443370781839
step: 2202			_
Epoch: 0	loss:	0.06623166054487228	mean_loss: 4.555270425044e-05
step: 2203			
Epoch: 0	loss:	0.0053866272792220116	mean_loss: 3.3866458579723258e-06
step: 2204			
Epoch: 0	loss:	0.005365102086216211	mean_loss: 6.249696070881328e-06
step: 2205			
Epoch: 0	loss:	0.005343662574887276	mean_loss: 2.1633288724842714e-06
step: 2206			
Epoch: 0	loss:	0.005322309676557779	mean_loss: 6.589694294234505e-06
step: 2207			

Epoch: 0	loss:	0.005301041528582573	mean_loss: 2.527443484723335e-06
step: 2208 Epoch: 0 step: 2209	loss:	0.005279858596622944	mean_loss: 6.449799911933951e-06
Epoch: 0 step: 2210	loss:	0.5678709745407104	mean_loss: 0.0004990135203115642
Epoch: 0 step: 2211	loss:	0.5471117496490479	mean_loss: 0.00019487927784211934
Epoch: 0 step: 2212	loss:	0.2582424283027649	mean_loss: 0.0001347431243630126
Epoch: 0 step: 2213	loss:	0.0036075576208531857	mean_loss: 4.749112576973857e-06
Epoch: 0 step: 2214	loss:	0.0035931419115513563	mean_loss: 1.2970047009730479e-06
Epoch: 0 step: 2215	loss:	0.0739433765411377	mean_loss: 4.404090213938616e-05
Epoch: 0 step: 2216		0.004088271874934435	mean_loss: 3.504930191411404e-06
Epoch: 0 step: 2217		0.08311325311660767	mean_loss: 0.00034776885877363384
Epoch: 0 step: 2218		0.016283387318253517	mean_loss: 1.1573525625863113e-05
Epoch: 0 step: 2219		0.26263269782066345	mean_loss: 0.00018176074081566185
Epoch: 0 step: 2220		0.004990147426724434	mean_loss: 1.9560923192329938e-06
Epoch: 0 step: 2221		0.3866904377937317 0.004499929491430521	mean_loss: 0.0001745789631968364 mean_loss: 6.874277005408658e-06
Epoch: 0 step: 2222 Epoch: 0		0.004481947980821133	mean_loss: 0.074277005400050e-06 mean_loss: 3.947952791349962e-06
step: 2223 Epoch: 0			mean_loss: 0.00012103975313948467
step: 2224 Epoch: 0		0.004090213216841221	mean_loss: 4.2797287278517615e-06
step: 2225 Epoch: 0		0.13334721326828003	mean_loss: 5.024547499488108e-05
step: 2226 Epoch: 0		0.004215512424707413	mean_loss: 6.111400580266491e-06
step: 2227 Epoch: 0	loss:	0.004198667127639055	mean_loss: 3.8933132600504905e-05
step: 2228 Epoch: 0	loss:	0.004181889351457357	mean_loss: 9.484993825026322e-06
step: 2229 Epoch: 0	loss:	0.004165178630501032	mean_loss: 2.0946631593687925e-06
step: 2230 Epoch: 0 step: 2231	loss:	0.21579204499721527	mean_loss: 0.003371783532202244

Epoch: 0 step: 2232	loss:	0.05158315598964691	mean_loss: 3.129552351310849e-05
Epoch: 0 step: 2233	loss:	0.0044420757330954075	mean_loss: 1.6574181245232467e-06
Epoch: 0 step: 2234	loss:	0.004424325190484524	mean_loss: 9.240046892955434e-06
Epoch: 0 step: 2235	loss:	0.004406645428389311	mean_loss: 4.3335480768291745e-06
Epoch: 0 step: 2236	loss:	0.2836569547653198	mean_loss: 0.0002272926940349862
Epoch: 0 step: 2237	loss:	0.09610181301832199	mean_loss: 5.730464545194991e-05
Epoch: 0 step: 2238	loss:	0.1606285721063614	mean_loss: 7.865192310418934e-05
Epoch: 0 step: 2239		0.004459889605641365	mean_loss: 1.7276519201914198e-06
Epoch: 0 step: 2240		0.004442067816853523	mean_loss: 4.5812324970029294e-05
Epoch: 0 step: 2241		0.0044243172742426395	mean_loss: 2.4453661353618372e-06
Epoch: 0 step: 2242		0.03333885222673416	mean_loss: 5.73860525037162e-05
Epoch: 0 step: 2243		0.1357162445783615 0.16839970648288727	mean_loss: 6.353468779707327e-05 mean_loss: 0.0002743701043073088
Epoch: 0 step: 2244 Epoch: 0		0.2776539623737335	mean_loss: 0.00033284828532487154
step: 2245 Epoch: 0		0.06928574293851852	mean_loss: 5.830702866660431e-05
step: 2246 Epoch: 0		0.1674441695213318	mean_loss: 0.00011181741137988865
step: 2247 Epoch: 0	loss:	0.003947886638343334	_
step: 2248 Epoch: 0	loss:	0.003932110965251923	mean_loss: 4.1110324673354626e-06
step: 2249 Epoch: 0	loss:	0.0039163981564342976	mean_loss: 2.80838753496937e-06
step: 2250 Epoch: 0	loss:	0.19518142938613892	mean_loss: 0.00015002631698735058
step: 2251 Epoch: 0	loss:	0.0039021761622279882	mean_loss: 2.467845661158208e-06
step: 2252 Epoch: 0 step: 2253	loss:	0.2019934058189392	mean_loss: 9.078466246137396e-05
Epoch: 0 step: 2254	loss:	0.003894587978720665	mean_loss: 4.920213541481644e-06
Epoch: 0 step: 2255	loss:	0.0038790248800069094	mean_loss: 2.092642716888804e-06

Epoch: 0	loggi	0.0038635244127362967	mean_loss: 2.39357086684322e-06
step: 2256	1055.	0.0000000244127002907	mean_1088. 2.333370000043226 00
Epoch: 0	loss:	0.003848085645586252	mean_loss: 1.4367459471031907e-06
step: 2257			
Epoch: 0	loss:	0.04150828346610069	mean_loss: 2.9211627406766638e-05
step: 2258			
Epoch: 0	loss:	0.0039871735498309135	mean_loss: 5.427547148428857e-05
step: 2259			
Epoch: 0	loss:	0.003971240483224392	mean_loss: 3.3241256005567266e-06
step: 2260	-	0.00055074077075540	3 0 440744555004455 04
Epoch: 0	loss:	0.003955371677875519	mean_loss: 8.440716555924155e-06
step: 2261 Epoch: 0	loggi	0.01463991031050682	mean_loss: 8.829626494843978e-06
step: 2262	TOSS.	0.01403991031030002	medi_1055. 0.029020494043970e 00
Epoch: 0	loss	0.0041306824423372746	mean_loss: 1.5915078392936266e-06
step: 2263	TODD.	0.0011000021120012110	modn_1055. 1.05100/00025002000 00
Epoch: 0	loss:	0.004114176612347364	mean_loss: 2.609872126413393e-06
step: 2264			
Epoch: 0	loss:	0.3621671497821808	mean_loss: 0.0001729559589875862
step: 2265			_
Epoch: 0	loss:	0.04040532931685448	mean_loss: 9.970094833988696e-05
step: 2266			
Epoch: 0	loss:	0.004523451905697584	mean_loss: 1.287786290049553e-05
step: 2267			
Epoch: 0	loss:	0.37076419591903687	mean_loss: 0.00018878669652622193
step: 2268	_		
Epoch: 0	loss:	0.004676176700741053	mean_loss: 3.984408976975828e-06
step: 2269	7	0.00001104044551000	1 0 000400054557557047
Epoch: 0 step: 2270	loss:	0.29391124844551086	mean_loss: 0.0024290515575557947
Epoch: 0	logge	0.005441185552626848	mean_loss: 2.8619044769584434e-06
step: 2271	TOSS.	0.000441100002020040	mean_1055. 2.0013044703304434e 00
Epoch: 0	loss:	0.6342427730560303	mean_loss: 0.0002364823449170217
step: 2272	1000.	0.001212110000000	moun_1000. 0.000200 lo20 lo20 lo21
Epoch: 0	loss:	0.005460008047521114	mean_loss: 2.271327957714675e-06
step: 2273			_
Epoch: 0	loss:	0.005438190419226885	mean_loss: 2.764462351478869e-06
step: 2274			
Epoch: 0	loss:	0.5878903865814209	mean_loss: 0.00027535978006199
step: 2275			
Epoch: 0	loss:	0.004904127214103937	mean_loss: 1.8065877611661563e-06
step: 2276			
Epoch: 0	loss:	0.004884529858827591	mean_loss: 2.3168975076259812e-06
step: 2277	-	0 1000110110110175	7 7070070050050 05
Epoch: 0	loss:	0.1939418613910675	mean_loss: 7.767087663523853e-05
step: 2278 Epoch: 0	loggi	0 7008/61356163005	maan logg. 0 006314638757536411
step: 2279	TOSS:	0.7008461356163025	mean_loss: 0.006314628757536411
20eh. 5513			

п 1 0	1 0 00000000000000000000000000000000000	
Epoch: 0	loss: 0.20525628328323364 mean_loss: 0.00026152151986025274	
step: 2280 Epoch: 0	loss: 0.004774941597133875 mean_loss: 1.5496809282922186e-05	
step: 2281	1055. 0.004/7434139/1330/3 mean_1055. 1.3490009202922100e-03	
_	logg: 0 0047EE96066022E1E2	
Epoch: 0	loss: 0.004755860660225153 mean_loss: 2.455665253364714e-06	
step: 2282	1 0 0047269560017675405	
Epoch: 0	loss: 0.0047368560917675495 mean_loss: 1.8284382576894131e-06	
step: 2283	1 0.0047470070047640645 1 0.794940600009270- 06	
Epoch: 0	loss: 0.0047179278917610645 mean_loss: 2.731340600803378e-06	
step: 2284	1 0 004600074663201036	
Epoch: 0	loss: 0.004699074663221836 mean_loss: 4.251181053405162e-06	
step: 2285	1 0 4050050440000442	
Epoch: 0	loss: 0.4059252440929413 mean_loss: 0.00018186806119047105	
step: 2286	1 0 42207647604720542 1 0 00005400555606007	
Epoch: 0	loss: 0.13307617604732513 mean_loss: 0.000251905556069687	
step: 2287	1 0 004000776600550502 1 0 004404075770062- 06	
Epoch: 0	loss: 0.004828776698559523 mean_loss: 2.281401975778863e-06	
step: 2288	1 0 400504700570400 1 0 00040004604464070470	
Epoch: 0	loss: 0.138581782579422 mean_loss: 0.00012384634464979172	
step: 2289	1 0 004040777706405004 1 4 5667500004004605 05	
Epoch: 0	loss: 0.004842777736485004 mean_loss: 1.5667583284084685e-05	
step: 2290		
Epoch: 0	loss: 0.004823425784707069 mean_loss: 2.9116085897840094e-06	
step: 2291	1 0 07707000050544050 1 4 000474004000050 05	
Epoch: 0	loss: 0.07787328958511353 mean_loss: 4.300176806282252e-05	
step: 2292		
Epoch: 0	loss: 0.5121655464172363 mean_loss: 0.0003207316913176328	
step: 2293		
Epoch: 0	loss: 0.07757794111967087 mean_loss: 5.104762385599315e-05	
step: 2294		
Epoch: 0	loss: 0.00393414543941617 mean_loss: 2.9695925150008406e-06	
step: 2295		
Epoch: 0	loss: 0.003918424714356661 mean_loss: 4.901742795482278e-05	
step: 2296		
Epoch: 0	loss: 0.4839191734790802 mean_loss: 0.0007645626901648939	
step: 2297		
Epoch: 0	loss: 0.0032801975030452013 mean_loss: 2.606159796414431e-06	
step: 2298		
Epoch: 0	loss: 0.03208547458052635 mean_loss: 0.0009168023243546486	
step: 2299		
Epoch: 0	loss: 0.4318779706954956 mean_loss: 0.0005061927367933095	
step: 2300		
Epoch: 0	loss: 0.003173288656398654 mean_loss: 1.351260152659961e-06	
step: 2301		
Epoch: 0	loss: 0.20934250950813293 mean_loss: 0.00019347861234564334	
step: 2302		
Epoch: 0	loss: 0.0031848475337028503 mean_loss: 3.724725502252113e-06	
step: 2303		

Epoch: 0	loss:	0.2512051463127136	mean_loss: 0.00032709489460103214
step: 2304 Epoch: 0	loss:	0.03549175709486008	mean_loss: 0.00010175810166401789
step: 2305 Epoch: 0	loss:	0.19932442903518677	mean_loss: 0.0007097017369233072
step: 2306 Epoch: 0	loss:	0.12550777196884155	mean_loss: 6.516131543321535e-05
step: 2307 Epoch: 0 step: 2308	loss:	0.10250000655651093	mean_loss: 0.00025077059399336576
Epoch: 0 step: 2309	loss:	0.2695944607257843	mean_loss: 0.00014239853771869093
Epoch: 0 step: 2310	loss:	0.004273078870028257	mean_loss: 1.5509228887822246e-06
Epoch: 0 step: 2311	loss:	0.09573841840028763	mean_loss: 0.0005439770757220685
Epoch: 0 step: 2312	loss:	0.0044494811445474625	mean_loss: 2.3000729925115593e-06
Epoch: 0 step: 2313	loss:	0.004431700799614191	mean_loss: 7.515255219914252e-06
Epoch: 0 step: 2314	loss:	0.004413991700857878	mean_loss: 2.5309141165053006e-06
Epoch: 0 step: 2315	loss:	0.2688829302787781	mean_loss: 0.00028067376115359366
Epoch: 0 step: 2316	loss:	0.30804625153541565	mean_loss: 0.00018618775357026607
Epoch: 0 step: 2317	loss:	0.0648188665509224	mean_loss: 2.5552302759024315e-05
Epoch: 0 step: 2318	loss:	0.003951401449739933	mean_loss: 1.650188278290443e-05
Epoch: 0 step: 2319	loss:	0.003935611341148615	mean_loss: 1.1389375686121639e-05
Epoch: 0 step: 2320	loss:	0.17078271508216858	mean_loss: 7.951308361953124e-05
Epoch: 0 step: 2321	loss:	0.004056377336382866	mean_loss: 1.543242615298368e-05
Epoch: 0 step: 2322	loss:	0.2184443473815918	mean_loss: 0.00010966856643790379
Epoch: 0 step: 2323	loss:	0.08950530737638474	mean_loss: 0.0008454242488369346
Epoch: 0 step: 2324	loss:	0.13277827203273773	mean_loss: 0.00013011069677304476
Epoch: 0 step: 2325		0.00427215127274394	mean_loss: 2.3731870442134095e-06
Epoch: 0 step: 2326		0.004255079664289951	mean_loss: 2.3354100449068937e-06
Epoch: 0 step: 2327	loss:	0.0042380765080451965	mean_loss: 7.640381227247417e-06

Epoch: 0	loss:	0.004221141338348389	mean_loss: 5.889668500458356e-06
step: 2328 Epoch: 0	loss:	0.004204273223876953	mean_loss: 3.779320422836463e-06
step: 2329 Epoch: 0	loss:	0.278969407081604	mean_loss: 0.00020274214330129325
step: 2330 Epoch: 0 step: 2331	loss:	0.004527194891124964	mean_loss: 9.772596968105063e-06
Epoch: 0 step: 2332	loss:	0.004509104415774345	mean_loss: 2.4679829948581755e-06
Epoch: 0 step: 2333	loss:	0.00449108611792326	mean_loss: 1.9622507352323737e-06
Epoch: 0 step: 2334	loss:	0.0044731395319104195	mean_loss: 4.336338861321565e-06
Epoch: 0 step: 2335	loss:	0.004455265123397112	mean_loss: 1.996240598600707e-06
Epoch: 0 step: 2336	loss:	0.004437461495399475	mean_loss: 2.23875827032316e-06
Epoch: 0 step: 2337	loss:	0.004419729579240084	mean_loss: 1.8295277186552994e-06
Epoch: 0 step: 2338	loss:	0.004402067977935076	mean_loss: 4.062635980517371e-06
Epoch: 0 step: 2339	loss:	0.004384478088468313	mean_loss: 1.895697891995951e-06
Epoch: 0 step: 2340	loss:	0.0043669575825333595	mean_loss: 6.387212579284096e-06
Epoch: 0 step: 2341	loss:	0.10861017554998398	mean_loss: 0.00015384782454930246
Epoch: 0 step: 2342	loss:	0.004651467315852642	mean_loss: 3.0529322430083994e-06
Epoch: 0 step: 2343	loss:	0.004632880445569754	mean_loss: 1.7899355952977203e-05
Epoch: 0 step: 2344	loss:	0.00461436714977026	mean_loss: 2.010532398344367e-06
Epoch: 0 step: 2345	loss:	0.006454505026340485	mean_loss: 5.161083663551835e-06
Epoch: 0 step: 2346	loss:	0.004401838406920433	mean_loss: 4.1225439417758025e-06
Epoch: 0 step: 2347	loss:	0.0043842485174536705	mean_loss: 1.9063297713728389e-06
Epoch: 0 step: 2348	loss:	0.004366728942841291	mean_loss: 7.2568695941299666e-06
Epoch: 0 step: 2349		0.6343220472335815	mean_loss: 0.0002688975364435464
Epoch: 0 step: 2350		0.0038112641777843237	_
Epoch: 0 step: 2351	loss:	0.0037960342597216368	mean_loss: 1.7684174054011237e-06

Epoch: 0	loss:	0.09848945587873459	mean_loss: 3.5932585888076574e-05
step: 2352 Epoch: 0	loss:	0.0041373479180037975	mean_loss: 1.9267224615759915e-06
step: 2353 Epoch: 0	loss:	0.1974462866783142	mean_loss: 0.0021005128510296345
step: 2354 Epoch: 0	loss:	0.004115778021514416	mean_loss: 7.2875627665780485e-06
step: 2355 Epoch: 0 step: 2356	loss:	0.004099331330507994	mean_loss: 3.503941115923226e-06
Epoch: 0 step: 2357	loss:	0.004082950297743082	mean_loss: 2.6178438474744326e-06
Epoch: 0 step: 2358	loss:	0.0040666344575583935	mean_loss: 2.630415337989689e-06
Epoch: 0 step: 2359	loss:	0.004050384275615215	mean_loss: 1.7188358469866216e-06
Epoch: 0 step: 2360	loss:	0.004034198820590973	mean_loss: 0.002017958788201213
Epoch: 0 step: 2361	loss:	0.18222026526927948	mean_loss: 0.1842382252216339
Epoch: 0 step: 2362	loss:	0.004026636015623808	mean_loss: 8.042070112423971e-05
Epoch: 0 step: 2363	loss:	0.2274000197649002	mean_loss: 0.0073380786925554276
Epoch: 0 step: 2364	loss:	0.004084652755409479	mean_loss: 0.0014278413727879524
Epoch: 0 step: 2365	loss:	0.004068329930305481	mean_loss: 3.793078803937533e-06
Epoch: 0 step: 2366	loss:	0.0040520732291042805	mean_loss: 3.399720526431338e-06
Epoch: 0 step: 2367	loss:	0.004035881254822016	mean_loss: 1.403502778885013e-06
Epoch: 0 step: 2368	loss:	0.004019754007458687	mean_loss: 6.885543825774221e-06
Epoch: 0 step: 2369	loss:	0.004003691021353006	mean_loss: 2.0234999738022452e-06
Epoch: 0 step: 2370	loss:	0.07428333908319473	mean_loss: 0.00013194559141993523
Epoch: 0 step: 2371	loss:	0.23496650159358978	mean_loss: 0.0001146821741713211
Epoch: 0 step: 2372	loss:	0.11731509864330292	mean_loss: 8.970953058451414e-05
Epoch: 0 step: 2373	loss:	0.33764490485191345	mean_loss: 0.00019612927280832082
Epoch: 0 step: 2374	loss:	0.21965935826301575	mean_loss: 0.0001310223451582715
Epoch: 0 step: 2375	loss:	0.03710111975669861	mean_loss: 1.6423529814346693e-05

Epoch: 0	loss: 0.004187201615422964 mean_loss: 3.002589210154838e-06
step: 2376 Epoch: 0	loss: 1.2669289112091064 mean_loss: 0.0006815125816501677
step: 2377 Epoch: 0	loss: 0.004264349117875099 mean_loss: 5.866977062396472e-06
step: 2378 Epoch: 0	loss: 0.004247309640049934 mean_loss: 1.9572833025449654e-06
step: 2379 Epoch: 0	loss: 0.004230337217450142 mean_loss: 1.485536813561339e-06
step: 2380 Epoch: 0	loss: 0.004213432781398296 mean_loss: 4.844733666686807e-06
step: 2381 Epoch: 0	loss: 0.36557555198669434 mean_loss: 0.0004946960834786296
step: 2382 Epoch: 0	loss: 0.0043145958334207535 mean_loss: 1.975879968085792e-06
step: 2383 Epoch: 0	loss: 0.7258809208869934 mean_loss: 0.00030460883863270283
step: 2384 Epoch: 0	loss: 0.3837040960788727 mean_loss: 0.0003011832886841148
step: 2385 Epoch: 0	loss: 0.0035400947090238333 mean_loss: 1.475145154472557e-06
step: 2386 Epoch: 0	loss: 0.221527561545372 mean_loss: 0.00012105411587981507
step: 2387 Epoch: 0	loss: 0.672261655330658 mean_loss: 0.0004048059636261314
step: 2388 Epoch: 0	loss: 0.0626639723777771 mean_loss: 5.4937958338996395e-05
step: 2389 Epoch: 0	loss: 0.0034747542813420296 mean_loss: 3.870276486850344e-06
step: 2390 Epoch: 0	loss: 0.47190535068511963 mean_loss: 0.0002875741629395634
step: 2391 Epoch: 0	loss: 0.0028270988259464502 mean_loss: 6.279582976276288e-06
step: 2392 Epoch: 0	loss: 0.07733441144227982 mean_loss: 9.703976684249938e-05
step: 2393 Epoch: 0	loss: 0.2846088111400604 mean_loss: 0.00012373135541565716
step: 2394 Epoch: 0 step: 2395	loss: 0.1967325061559677 mean_loss: 0.00014254615234676749
Epoch: 0 step: 2396	loss: 0.018198592588305473 mean_loss: 7.1645072239334695e-06
Epoch: 0	loss: 0.012719427235424519 mean_loss: 3.305608333903365e-05
step: 2397 Epoch: 0 step: 2398	loss: 0.0042162323370575905 mean_loss: 1.5926867718007998e-06
Epoch: 0 step: 2399	loss: 0.19200456142425537 mean_loss: 0.00013352306268643588
•	

Epoch: 0	loss:	0.004430115222930908 mean_loss: 1.7688521438685711e-06
step: 2400 Epoch: 0	loss:	0.00441241217777133 mean_loss: 1.6348819826816907e-06
step: 2401 Epoch: 0	loss:	0.00439478037878871 mean_loss: 2.5575423023838084e-06
step: 2402 Epoch: 0	loss:	0.15080204606056213 mean_loss: 0.00013924710219725966
step: 2403		_
Epoch: 0 step: 2404	loss:	0.2453833520412445 mean_loss: 0.00012721378880087286
Epoch: 0 step: 2405	loss:	0.004442072473466396 mean_loss: 2.032600832535536e-06
Epoch: 0	loss:	0.004424321465194225 mean_loss: 2.2010710836184444e-06
step: 2406 Epoch: 0	loss:	0.0044066421687603 mean_loss: 6.123393541201949e-05
step: 2407 Epoch: 0	loggi	0.061372309923172 mean_loss: 4.5607677748193964e-05
step: 2408	1088.	0.001372309923172 mean_10ss. 4.3007077740193904e-03
Epoch: 0 step: 2409	loss:	0.18995504081249237 mean_loss: 6.980185571592301e-05
Epoch: 0	loss:	0.004383772611618042 mean_loss: 1.0053215191874187e-05
step: 2410 Epoch: 0	loss:	0.0043662553653120995 mean_loss: 1.1924546015507076e-05
step: 2411 Epoch: 0	loss:	0.004348807502537966 mean_loss: 3.4664008126128465e-06
step: 2412		
Epoch: 0 step: 2413	loss:	0.004331429488956928 mean_loss: 1.9812139271380147e-06
Epoch: 0	loss:	0.004314121324568987 mean_loss: 2.3192383196146693e-06
step: 2414 Epoch: 0	loss:	0.004296882078051567 mean_loss: 1.6241789353443892e-06
step: 2415		
Epoch: 0 step: 2416	loss:	0.004279711749404669 mean_loss: 1.8590255876915762e-06
Epoch: 0	loss:	0.004262609872967005 mean_loss: 4.595332939061336e-06
step: 2417	1000.	0.329181045293808 mean_loss: 0.00014935826766304672
Epoch: 0 step: 2418	TOSS:	0.329181045293808 mean_loss: 0.00014935826766304672
Epoch: 0	loss:	0.0038586771115660667 mean_loss: 1.7448999187763548e-06
step: 2419		<del>-</del>
Epoch: 0	loss:	0.0038432576693594456 mean_loss: 1.6244201788140344e-06
step: 2420		
Epoch: 0	loss:	0.665553092956543 mean_loss: 0.0002996644179802388
step: 2421		
Epoch: 0	loss:	0.0029833901207894087 mean_loss: 2.0378986391733633e-06
step: 2422		
Epoch: 0	loss:	0.0029714677948504686 mean_loss: 4.090104084752966e-06
step: 2423		

Epoch: 0	loss:	0.20205555856227875	mean_loss: 0.00015687861014157534
step: 2424 Epoch: 0 step: 2425	loss:	0.16214428842067719	mean_loss: 6.592248973902315e-05
Epoch: 0 step: 2426	loss:	0.2093997448682785	mean_loss: 0.00011708533565979451
Epoch: 0 step: 2427	loss:	0.1402769535779953	mean_loss: 0.00036371510941535234
Epoch: 0 step: 2428	loss:	0.15708033740520477	mean_loss: 0.00034909992245957255
Epoch: 0 step: 2429	loss:	0.0032987939193844795	mean_loss: 1.8668853272174601e-06
Epoch: 0 step: 2430	loss:	0.0032856117468327284	mean_loss: 1.0604770068312064e-05
Epoch: 0 step: 2431	loss:	0.0032724826596677303	mean_loss: 1.3116609807184432e-06
Epoch: 0 step: 2432	loss:	0.1514698714017868	mean_loss: 0.00012549394159577787
Epoch: 0 step: 2433	loss:	0.0033474054653197527	mean_loss: 1.8551812672740198e-06
Epoch: 0 step: 2434	loss:	0.20317085087299347	mean_loss: 0.0005104841548018157
Epoch: 0 step: 2435	loss:	0.003331265412271023	mean_loss: 4.50909601568128e-06
Epoch: 0 step: 2436	loss:	0.0033179535530507565	mean_loss: 1.7395092072547413e-05
Epoch: 0 step: 2437	loss:	0.2015124261379242	mean_loss: 0.00038830406265333295
Epoch: 0 step: 2438	loss:	0.13397040963172913	mean_loss: 0.0006459553842432797
Epoch: 0 step: 2439	loss:	0.1754840761423111	mean_loss: 9.551519906381145e-05
Epoch: 0 step: 2440	loss:	0.0361953042447567	mean_loss: 4.1006576793733984e-05
Epoch: 0 step: 2441	loss:	0.003841182217001915	mean_loss: 5.2604186748794746e-06
Epoch: 0 step: 2442		0.00382583262398839	mean_loss: 4.228579655318754e-06
Epoch: 0 step: 2443		0.0038105444982647896	<del>-</del>
Epoch: 0 step: 2444		0.6636573076248169	mean_loss: 0.00036345969419926405
Epoch: 0 step: 2445		0.018527667969465256	mean_loss: 9.839129234023858e-06
Epoch: 0 step: 2446		0.003780773840844631	mean_loss: 1.6625496073174872e-06
Epoch: 0 step: 2447	loss:	0.2808883488178253	mean_loss: 0.0001467554975533858

Epoch: 0	loss:	0.03783252090215683	mean_loss: 2.8837717763963155e-05
step: 2448 Epoch: 0 step: 2449	loss:	0.003920051734894514	mean_loss: 5.321953722159378e-06
Epoch: 0 step: 2450	loss:	0.2531697154045105	mean_loss: 0.00020940863760188222
Epoch: 0 step: 2451	loss:	0.004178964998573065	mean_loss: 1.5650406339773326e-06
Epoch: 0 step: 2452	loss:	0.46677321195602417	mean_loss: 0.00016464719374198467
Epoch: 0 step: 2453	loss:	0.146060049533844	mean_loss: 0.00014087157614994794
Epoch: 0 step: 2454	loss:	0.003345928620547056	mean_loss: 1.9512033304636134e-06
Epoch: 0 step: 2455		0.25831204652786255	mean_loss: 0.0014512022025883198
Epoch: 0 step: 2456		0.003699809778481722	mean_loss: 4.836630978388712e-06
Epoch: 0 step: 2457		0.05971543490886688	mean_loss: 7.31866093701683e-05
Epoch: 0 step: 2458		0.39591991901397705	mean_loss: 0.004714203532785177
Epoch: 0 step: 2459		0.22937814891338348	mean_loss: 0.00010231308988295496
Epoch: 0 step: 2460 Epoch: 0		0.21831297874450684 0.004469083622097969	mean_loss: 0.0003216720069758594  mean_loss: 6.141994526842609e-05
step: 2461 Epoch: 0		0.2246149331331253	mean_loss: 0.00017229781951755285
step: 2462 Epoch: 0		0.004407127853482962	mean_loss: 7.2689299486228265e-06
step: 2463 Epoch: 0		0.00438951700925827	mean_loss: 5.297332609188743e-05
step: 2464 Epoch: 0		0.3211851716041565	mean_loss: 0.0002051329065579921
step: 2465 Epoch: 0	loss:	0.29231470823287964	mean_loss: 0.0004592148179654032
step: 2466 Epoch: 0	loss:	0.004074939526617527	mean_loss: 9.565726031723898e-06
step: 2467 Epoch: 0	loss:	0.19591477513313293	mean_loss: 0.007836973294615746
step: 2468 Epoch: 0	loss:	0.13049852848052979	mean_loss: 9.566770313540474e-05
step: 2469 Epoch: 0	loss:	0.10026081651449203	mean_loss: 5.572264490183443e-05
step: 2470 Epoch: 0 step: 2471	loss:	0.004168313462287188	mean_loss: 1.0720903446781449e-05

Enable 0	0670- 06
Epoch: 0 loss: 0.004151657223701477 mean_loss: 7.765630471112	2672e-06
step: 2472	2506675
Epoch: 0 loss: 0.2481151521205902 mean_loss: 0.00016753742238	3500075
step: 2473	20707- 05
Epoch: 0 loss: 0.004073388408869505 mean_loss: 1.927693665493	32191e-05
step: 2474	106- OF
Epoch: 0 loss: 0.11857066303491592 mean_loss: 9.7284610092174	±20e-05
<pre>step: 2475 Epoch: 0 loss: 0.20064207911491394 mean_loss: 0.0001189919203</pre>	21705750
•	51705752
<pre>step: 2476 Epoch: 0 loss: 0.004090641159564257 mean_loss: 1.490663294134</pre>	171000-06
step: 2477	£7190e-00
Epoch: 0 loss: 0.004074295051395893 mean_loss: 3.756484375116	5007/0-06
step: 2478	3374e-00
Epoch: 0 loss: 0.2308046817779541 mean_loss: 0.00028010731330	01/1/05
step: 2479	7141425
Epoch: 0 loss: 0.2793360650539398 mean_loss: 0.00029873521998	2524666
step: 2480	3324000
Epoch: 0 loss: 0.003895370289683342 mean_loss: 3.682270062199	067720-06
step: 2481	90113e-00
Epoch: 0 loss: 0.17900605499744415 mean_loss: 6.5475396695546	50a_0E
step: 2482	36e-05
Epoch: 0 loss: 0.15482354164123535 mean_loss: 6.9116023951210	0080-05
step: 2483	700e 05
Epoch: 0 loss: 0.27877774834632874 mean_loss: 0.0001163316046	35862602
step: 2484	00002002
Epoch: 0 loss: 0.004003879148513079 mean_loss: 1.973280859603	180036-06
step: 2485	100036 00
Epoch: 0 loss: 0.003987879958003759 mean_loss: 1.505605087004	136914-05
step: 2486	10001e 00
Epoch: 0 loss: 0.33984676003456116 mean_loss: 0.0001573434274	11779983
step: 2487	1111000
Epoch: 0 loss: 0.4925660192966461 mean_loss: 0.00022345731849	978217
step: 2488	770217
Epoch: 0 loss: 0.003086316864937544 mean_loss: 7.861696758482	214e-06
step: 2489	2110 00
Epoch: 0 loss: 0.0030739838257431984 mean_loss: 1.13889336716	596577e-06
step: 2490	3000110 00
Epoch: 0 loss: 0.0030617001466453075 mean_loss: 3.72155432160	007063e-06
step: 2491	3010000 00
Epoch: 0 loss: 0.0030494655948132277 mean_loss: 3.00806618724	189145e-06
step: 2492	
Epoch: 0 loss: 0.0030372801702469587 mean_loss: 1.70419752976	615863e-06
step: 2493	
Epoch: 0 loss: 0.19626042246818542 mean_loss: 0.0001571354077	70064000
	78961033
	78961033
step: 2494 Epoch: 0 loss: 0.0030252444557845592 mean_loss: 2.06112667910	

Epoch: 0	loss:	0.21913504600524902	mean_loss: 0.0009405025630258024
step: 2496			
Epoch: 0	loss:	0.23285430669784546	mean_loss: 0.00011143699521198869
step: 2497			
Epoch: 0	loss:	0.0028875875286757946	mean_loss: 1.6578354689045227e-06
step: 2498			<u>-</u>
Epoch: 0	loss:	0.0028760486748069525	mean_loss: 6.540241884067655e-06
step: 2499			_
Epoch: 0	loss:	0.27490025758743286	mean_loss: 0.00013884181680623442
step: 2500			
Epoch: 0	loss	0.0026816600002348423	mean_loss: 1.8878861283155857e-06
step: 2501	1000.	0.0020010000002010120	moun_1055: 1:00100012001000010 00
Epoch: 0	1099.	0.0026709442026913166	mean_loss: 1.0738577884694678e-06
step: 2502	1055.	0.0020103442020313100	mean_1055. 1.0700077004054070e 00
Epoch: 0	loggi	0.002660271478816867	mean_loss: 4.292492576496443e-06
step: 2503	1055.	0.002000211410010001	mean_1055. 4.292492070430440e 00
Epoch: 0	1000.	0.0026496408972889185	moon logg: 1 20/0701662929550_06
-	1088.	0.0020490408972889183	mean_loss: 1.324979166383855e-06
step: 2504	7	0.0000000000000000000000000000000000000	1 1 .005046606645676 - 06
Epoch: 0	loss:	0.0026390529237687588	mean_loss: 1.985246626645676e-06
step: 2505	7	0.0000000007000000744	1 4 4557000000000000000
Epoch: 0	loss:	0.002628507325425744	mean_loss: 1.45572369092406e-06
step: 2506	-	0 11000055700017700	7 5 050400004004500 05
Epoch: 0	loss:	0.11899855732917786	mean_loss: 5.353126834961586e-05
step: 2507	_		7 7 000000400400
Epoch: 0	loss:	0.15124809741973877	mean_loss: 7.387774530798197e-05
step: 2508	_		
Epoch: 0	loss:	0.0035937237553298473	mean_loss: 1.2927745274282643e-06
step: 2509			
Epoch: 0	loss:	0.35563892126083374	mean_loss: 0.00013003297499381006
step: 2510			
Epoch: 0	loss:	0.05354922264814377	mean_loss: 4.085179170942865e-05
step: 2511			
Epoch: 0	loss:	0.06512206792831421	mean_loss: 0.00010376261343481019
step: 2512			
Epoch: 0	loss:	0.0036128207575529814	mean_loss: 1.8129674572264776e-05
step: 2513			
Epoch: 0	loss:	0.003598384093493223	mean_loss: 1.3056005627731793e-05
step: 2514			
Epoch: 0	loss:	0.0035840049386024475	mean_loss: 1.4308118352346355e-06
step: 2515			
Epoch: 0	loss:	0.47257742285728455	mean_loss: 0.0002901036641560495
step: 2516			
Epoch: 0	loss:	0.003546256572008133	mean_loss: 1.1914162314496934e-05
step: 2517			
Epoch: 0	loss:	0.003532085567712784	mean_loss: 1.3903490980737843e-06
step: 2518			
Epoch: 0	loss:	0.003517972072586417	mean_loss: 3.3581702609808417e-06
step: 2519			
-			

Epoch: 0 step: 2520	loss:	0.21600329875946045	mean_loss: 8.120550774037838e-05
Epoch: 0 step: 2521	loss:	0.003460191423073411	mean_loss: 1.525149400549708e-06
Epoch: 0 step: 2522	loss:	0.2197987139225006	mean_loss: 0.00021980023302603513
Epoch: 0 step: 2523	loss:	0.03580060973763466	mean_loss: 4.714713213616051e-05
Epoch: 0 step: 2524	loss:	0.0036528301425278187	mean_loss: 2.8527194899652386e-06
Epoch: 0 step: 2525	loss:	0.3463856279850006	mean_loss: 0.00035563501296564937
Epoch: 0 step: 2526	loss:	0.0034994888119399548	mean_loss: 1.6363004533559433e-06
Epoch: 0 step: 2527		0.0034855050034821033	-
Epoch: 0 step: 2528		0.011232503689825535	mean_loss: 4.979264485882595e-05
Epoch: 0 step: 2529		0.29134365916252136	mean_loss: 0.0001297388516832143
Epoch: 0 step: 2530 Epoch: 0		0.003884156234562397 0.15940479934215546	mean_loss: 1.572226778989716e-06
step: 2531 Epoch: 0		0.003964314237236977	mean_loss: 0.00033772538881748915 mean_loss: 3.3375017665093765e-06
step: 2532 Epoch: 0		0.17723602056503296	mean_loss: 0.0003408449119888246
step: 2533 Epoch: 0		0.00400109589099884	mean_loss: 3.4001102449110476e-06
step: 2534 Epoch: 0	loss:	0.031232506036758423	mean_loss: 2.5900419132085517e-05
step: 2535 Epoch: 0	loss:	0.004378562793135643	mean_loss: 6.786538051528623e-06
step: 2536 Epoch: 0	loss:	0.004361066501587629	mean_loss: 2.0583661353157368e-06
step: 2537 Epoch: 0	loss:	0.004343639127910137	mean_loss: 7.147528322093422e-06
step: 2538 Epoch: 0 step: 2539	loss:	0.11675725877285004	mean_loss: 0.0001824443752411753
Epoch: 0 step: 2540	loss:	0.004519614391028881	mean_loss: 2.2096139673521975e-06
Epoch: 0 step: 2541	loss:	0.16064226627349854	mean_loss: 0.00012790164328180254
Epoch: 0 step: 2542	loss:	0.0940670296549797	mean_loss: 3.8337377191055566e-05
Epoch: 0 step: 2543	loss:	0.004616560414433479	mean_loss: 9.127250450546853e-06

Epoch: 0 step: 2544	loss: 0.005165	5235139429569	mean_loss: 3.1803087949811015e-06
Epoch: 0 step: 2545	loss: 0.004567	7521158605814	mean_loss: 4.862448349740589e-06
Epoch: 0 step: 2546	loss: 0.399329	981133461 i	mean_loss: 0.00017124127771239728
Epoch: 0 step: 2547	loss: 0.004323	3519300669432	mean_loss: 3.1300562568503665e-06
Epoch: 0 step: 2548	loss: 0.004306	524233558774	mean_loss: 2.1333527911338024e-05
Epoch: 0 step: 2549	loss: 0.166828	363235473633	mean_loss: 0.0002699837787076831
Epoch: 0 step: 2550	loss: 0.004283	8871501684189	mean_loss: 6.441096957132686e-06
Epoch: 0 step: 2551	loss: 0.004266	3753327101469	mean_loss: 1.7635965150475386e-06
Epoch: 0 step: 2552	loss: 0.004249	9703139066696	mean_loss: 3.954852672904963e-06
Epoch: 0 step: 2553	loss: 0.062266	394583892822	mean_loss: 2.267694981128443e-05
Epoch: 0 step: 2554	loss: 0.004294	1318147003651	mean_loss: 6.734781436534831e-06
Epoch: 0 step: 2555	loss: 0.004277	158062905073	mean_loss: 5.7347965594090056e-06
Epoch: 0 step: 2556	loss: 0.132535	596425056458	mean_loss: 0.00010003147326642647
Epoch: 0 step: 2557	loss: 0.004190	)186969935894	mean_loss: 1.8117476656698273e-06
Epoch: 0 step: 2558	loss: 0.194896		mean_loss: 0.0007703489391133189
Epoch: 0 step: 2559	loss: 0.004171		mean_loss: 5.508934009412769e-06
Epoch: 0 step: 2560	loss: 0.004154		
Epoch: 0 step: 2561	loss: 0.462315		mean_loss: 0.0004902619402855635
Epoch: 0 step: 2562	loss: 0.008464		mean_loss: 6.909282546985196e-06
Epoch: 0 step: 2563	loss: 0.251336		mean_loss: 0.0001709821808617562
Epoch: 0 step: 2564	loss: 0.231664		mean_loss: 0.00010738101991591975
Epoch: 0 step: 2565	loss: 0.005401		mean_loss: 1.944405084941536e-06
Epoch: 0 step: 2566	loss: 0.777777		mean_loss: 0.0003436939150560647
Epoch: 0 step: 2567	loss: 0.005835	5207644850016	mean_loss: 0.00012872711522504687

Epoch: 0	loss:	0.08939369767904282	mean_loss: 4.0054776036413386e-05
step: 2568			
Epoch: 0	loss:	0.005512431729584932	mean_loss: 2.6566920041659614e-06
step: 2569			
Epoch: 0	loss:	0.005490404088050127	mean_loss: 8.412037459493149e-06
step: 2570			
Epoch: 0	loss:	0.00546846492215991	mean_loss: 4.33640298069804e-06
step: 2571			
Epoch: 0	loss:	0.00544661283493042	mean_loss: 3.541877276802552e-06
step: 2572			
Epoch: 0	loss:	0.022244086489081383	mean_loss: 3.465362897259183e-05
step: 2573			
Epoch: 0	loss:	0.004752724431455135	mean_loss: 1.8300374904356431e-06
step: 2574			<del>-</del>
Epoch: 0	loss:	0.19441796839237213	mean_loss: 6.916392885614187e-05
step: 2575			_
Epoch: 0	loss:	0.29788410663604736	mean_loss: 0.0003999372711405158
step: 2576			-
Epoch: 0	loss:	0.004668644163757563	mean_loss: 2.9079642445140053e-06
step: 2577			
Epoch: 0	loss:	0.004649988375604153	mean_loss: 2.576354518168955e-06
step: 2578			
Epoch: 0	loss:	0.7337969541549683	mean_loss: 0.00043523102067410946
step: 2579			
Epoch: 0	loss:	0.0047835432924330235	mean_loss: 1.7995773305301555e-05
step: 2580			
Epoch: 0	loss:	0.10286197066307068	mean_loss: 0.0018705447437241673
step: 2581			
Epoch: 0	loss:	0.0047132233157753944	mean_loss: 2.6387847356090788e-06
step: 2582			
Epoch: 0	loss:	0.004694389645010233	mean_loss: 5.638689799525309e-06
step: 2583			
Epoch: 0	loss:	0.004675630945712328	mean_loss: 2.83713306998834e-05
step: 2584			
Epoch: 0	loss:	0.13533970713615417	mean_loss: 6.37326156720519e-05
step: 2585			
Epoch: 0	loss:	0.005080044269561768	mean_loss: 2.9905679639341542e-06
step: 2586			
Epoch: 0	loss:	0.15657742321491241	mean_loss: 0.00021838273096363991
step: 2587			
Epoch: 0	loss:	0.005080391187220812	mean_loss: 5.73460374653223e-06
step: 2588			
Epoch: 0	loss:	0.005060089752078056	mean_loss: 2.643958396220114e-06
step: 2589			
Epoch: 0	loss:	0.19923226535320282	mean_loss: 8.886480645742267e-05
step: 2590			
Epoch: 0	loss:	0.34428635239601135	mean_loss: 0.00024918612325564027
step: 2591			
•			

Epoch: 0	loss:	0.005029103718698025	mean_loss: 3.21846928272862e-05
step: 2592			
Epoch: 0	loss:	0.14124608039855957	mean_loss: 5.828311259392649e-05
step: 2593			
Epoch: 0	loss:	0.004597539082169533	mean_loss: 1.8258126146974973e-05
step: 2594			
Epoch: 0	loss:	0.0045791673474013805	mean_loss: 3.15757233693148e-06
step: 2595			
Epoch: 0	loss:	0.004560869187116623	mean_loss: 1.654832090025593e-06
step: 2596			
Epoch: 0	loss:	0.004542644135653973	mean_loss: 1.8871674001275096e-06
step: 2597			
Epoch: 0	loss:	0.004524491261690855	mean_loss: 3.0175856409186963e-06
step: 2598			
Epoch: 0	loss:	0.004506411962211132	mean_loss: 1.2921001143695321e-05
step: 2599			
Epoch: 0	loss:	0.004488403908908367	mean_loss: 5.815665645059198e-06
step: 2600			
Epoch: 0	loss:	0.004470468033105135	mean_loss: 1.6708785324226483e-06
step: 2601			
Epoch: 0	loss:	0.44111689925193787	mean_loss: 0.0014802636578679085
step: 2602	_		
Epoch: 0	loss:	0.19465313851833344	mean_loss: 9.666506230132654e-05
step: 2603	_		
Epoch: 0	loss:	0.004363390151411295	mean_loss: 1.829391067076358e-06
step: 2604	_		
Epoch: 0	loss:	0.5313059687614441	mean_loss: 0.0010438268072903156
step: 2605	_		
Epoch: 0	loss:	0.12312230467796326	mean_loss: 0.00014959774853195995
step: 2606	-	0.44044000000440004	2 0 00400005750000044
Epoch: 0	loss:	0.11941888928413391	mean_loss: 0.001299657509662211
step: 2607	7	0.00400000074442020040	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Epoch: 0	loss:	0.0042225574143230915	mean_loss: 3.477465270407265e-06
step: 2608	-	0.670500006600076	1 0 0000 40765 60750064076
Epoch: 0	loss:	0.6735209226608276	mean_loss: 0.00024376560759264976
step: 2609	1000.	0 2055017707047025	mann logg. 0 0001/E0677200//06000
Epoch: 0	loss:	0.3255917727947235	mean_loss: 0.00014526773884426802
step: 2610	1000.	0 00/1650025712106	mann lagg. 0 0012222742124960000
Epoch: 0	TOSS:	0.2841652035713196	mean_loss: 0.0013223742134869099
step: 2611	1000.	0 10/2001///0256600	moon logg: 0 00022457126047105077
Epoch: 0	TOSS:	0.18439814448356628	mean_loss: 0.00022457136947195977
step: 2612	1000	0 20207204650510106	moon logg. 0 40210E0000E07EE. 05
Epoch: 0	TOSS:	0.20207394659519196	mean_loss: 9.493125980952755e-05
step: 2613	1000:	0 002506077576760420	moon logg. E 927777240060E05- 06
Epoch: 0 step: 2614	TOSS:	0.003506977576762438	mean_loss: 5.8377777349960525e-06
Epoch: 0	loggi	0.327095627784729	mean loss. 0 000121825/0825/15557
step: 2615	TODD:	0.021030021104123	mean_loss: 0.00012182549835415557
step. 2013			

Epoch: 0   10ss: 0.003495684824883938   mean_loss: 2.979827286253567e-06   step: 2616   Epoch: 0   10ss: 0.1566978245973587   mean_loss: 0.00019465938385110348   step: 2617   Epoch: 0   10ss: 0.0033933550233531   mean_loss: 1.2559021342894994e-05   step: 2618   Epoch: 0   10ss: 0.0033797656651586294   mean_loss: 1.2684708963206504e-06   step: 2620   10ss: 0.0033662598580121994   mean_loss: 1.2684708963206504e-06   step: 2622   Epoch: 0   10ss: 0.0033528083004057407   step: 2622   Epoch: 0   10ss: 0.0033528083004057407   step: 2622   Epoch: 0   10ss: 0.0033528083004057407   mean_loss: 3.3992282624240033e-06   step: 2622   Epoch: 0   10ss: 0.0033528083004057407   mean_loss: 3.39922826624240033e-06   step: 2622   Epoch: 0   10ss: 0.0033127751667052507   mean_loss: 1.1629884966168902e-06   step: 2625   Epoch: 0   10ss: 0.0033127751667052507   mean_loss: 1.3202941318013472e-06   step: 2625   Epoch: 0   10ss: 0.0033127751667052507   mean_loss: 1.3202941318013472e-06   step: 2625   Epoch: 0   10ss: 0.003291668137535453   mean_loss: 1.3202941318013472e-06   step: 2626   Epoch: 0   10ss: 0.003291668137535453   mean_loss: 1.3202941318013472e-06   step: 2629   Epoch: 0   10ss: 0.0032693417742848396   mean_loss: 8.387221168959513e-05   step: 2630   Epoch: 0   10ss: 0.003631466533987142   mean_loss: 3.952164206566522e-06   step: 2632   Epoch: 0   10ss: 0.033274602610617876   mean_loss: 0.00034024709020741284   mean_loss: 5.08641505803098e-06   step: 2634   Epoch: 0   10ss: 0.003374602610617876   mean_loss: 0.0001636432650964707   step: 2635   Epoch: 0   10ss: 0.0033045553136616945   mean_loss: 0.0001636482850964707   step: 2635   Epoch: 0   10ss: 0.0033045553136616945   mean_loss: 0.00011503156665595418   Epoch: 0   10ss: 0.033045553136616945   mean_loss: 0.00011503156665595418   Epoch: 0   10ss: 0				
Epoch: 0   loss: 0.1566978245973587	•	loss:	0.003495684824883938	mean_loss: 2.979827286253567e-06
step: 2617         Epoch: 0         loss: 0.0166093111038208         mean_loss: 1.2559021342894994e-05           step: 2618         Epoch: 0         loss: 0.0033933250233531         mean_loss: 7.051519787637517e-06           Epoch: 0         loss: 0.0033797656651586294         mean_loss: 1.2684708963206504e-06           step: 2620         Epoch: 0         loss: 0.0033662598580121994         mean_loss: 2.230151267212932e-06           step: 2621         Epoch: 0         loss: 0.0033528083004057407         mean_loss: 3.3992282624240033e-06           step: 2622         Epoch: 0         loss: 0.0033394107595086098         mean_loss: 1.24406778923003e-06           step: 2623         Epoch: 0         loss: 0.0033124751667052507         mean_loss: 1.1629884966168902e-06           step: 2624         Epoch: 0         loss: 0.0033127751667052507         mean_loss: 1.3202941318013472e-06           step: 2625         Epoch: 0         loss: 0.003291668137535453         mean_loss: 8.099542901618406e-05           step: 2626         Epoch: 0         loss: 0.19978171586990356         mean_loss: 8.387221168959513e-05           step: 2628         Epoch: 0         loss: 0.00329466537815094         mean_loss: 8.387221168959513e-05           step: 2631         Epoch: 0         loss: 0.6345568895339966         mean_loss: 0.00034024709020741284           step: 2632         Epoch: 0	-			
Epoch: 0   loss: 0.0166093111038208	Epoch: 0	loss:	0.1566978245973587	mean_loss: 0.00019465938385110348
step: 2618         Epoch: 0 toss: 0.0033933250233531         mean_loss: 7.051519787637517e-06           step: 2619 step: 2610         loss: 0.0033797656651586294         mean_loss: 1.2684708963206504e-06           step: 2620         Epoch: 0 toss: 0.0033662598580121994         mean_loss: 2.230151267212932e-06           step: 2621 topch: 0 toss: 0.0033528083004057407         mean_loss: 3.3992282624240033e-06           step: 2622 topch: 0 toss: 0.0033394107595086098         mean_loss: 1.24406778923003e-06           step: 2623 topch: 0 toss: 0.0033127751667052507         mean_loss: 1.1629884966168902e-06           step: 2624 topch: 0 toss: 0.0033127751667052507         mean_loss: 1.3202941318013472e-06           step: 2625 topch: 0 toss: 0.19811348617076874         mean_loss: 8.099542901618406e-05           step: 2626 topch: 0 toss: 0.003291668137535453         mean_loss: 1.8947548596770503e-06           step: 2627 topch: 0 toss: 0.19978171586990356         mean_loss: 8.387221168959513e-05           step: 2628 topch: 0 toss: 0.0032693417742848396         mean_loss: 5.801407951366855e-06           step: 2630 topch: 0 toss: 0.05284060537815094         mean_loss: 3.952164206566522e-06           step: 2631 topch: 0 toss: 0.033274602610617876         mean_loss: 0.00034024709020741284           step: 2632 topch: 0 toss: 0.033274602610617876         mean_loss: 0.00034024709020741284           step: 2635 topch: 0 toss: 0.0330345553136616945         mean_loss: 0.0001563632660964707 <td>step: 2617</td> <td></td> <td></td> <td></td>	step: 2617			
Epoch: 0 step: 2619         loss: 0.0033933250233531         mean_loss: 7.051519787637517e-06           Epoch: 0 step: 2620         loss: 0.0033797656651586294         mean_loss: 1.2684708963206504e-06           Epoch: 0 step: 2621         loss: 0.0033662598580121994         mean_loss: 2.230151267212932e-06           Epoch: 0 step: 2622         loss: 0.0033528083004057407         mean_loss: 3.3992282624240033e-06           Step: 2622         loss: 0.0033394107595086098         mean_loss: 1.24406778923003e-06           Step: 2623         loss: 0.0033260660711675882         mean_loss: 1.1629884966168902e-06           Step: 2624         loss: 0.0033127751667052507         mean_loss: 1.3202941318013472e-06           Step: 2625         loss: 0.0033127751667052507         mean_loss: 8.099542901618406e-05           Epoch: 0 step: 2625         loss: 0.003291668137535453         mean_loss: 8.099542901618406e-05           Epoch: 0 step: 2628         loss: 0.0032693417742848396         mean_loss: 8.387221168959513e-05           Epoch: 0 step: 2628         loss: 0.0032693417742848396         mean_loss: 5.801407951366855e-06           Epoch: 0 step: 2630         loss: 0.634556889533996         mean_loss: 0.00034024709020741284           Epoch: 0 step: 2632         loss: 0.0033274602610617876         mean_loss: 0.000978531781580244           Epoch: 0 step: 2633         loss: 0.0033045553136616945         mean_loss: 0.000186	Epoch: 0	loss:	0.0166093111038208	mean_loss: 1.2559021342894994e-05
Epoch: 0 step: 2619         loss: 0.0033933250233531         mean_loss: 7.051519787637517e-06           Epoch: 0 step: 2620         loss: 0.0033797656651586294         mean_loss: 1.2684708963206504e-06           Epoch: 0 step: 2621         loss: 0.0033662598580121994         mean_loss: 2.230151267212932e-06           Epoch: 0 step: 2622         loss: 0.0033528083004057407         mean_loss: 3.3992282624240033e-06           Step: 2622         loss: 0.0033394107595086098         mean_loss: 1.24406778923003e-06           Step: 2623         loss: 0.0033260660711675882         mean_loss: 1.1629884966168902e-06           Step: 2624         loss: 0.0033127751667052507         mean_loss: 1.3202941318013472e-06           Step: 2625         loss: 0.0033127751667052507         mean_loss: 8.099542901618406e-05           Epoch: 0 step: 2625         loss: 0.003291668137535453         mean_loss: 8.099542901618406e-05           Epoch: 0 step: 2628         loss: 0.0032693417742848396         mean_loss: 8.387221168959513e-05           Epoch: 0 step: 2628         loss: 0.0032693417742848396         mean_loss: 5.801407951366855e-06           Epoch: 0 step: 2630         loss: 0.634556889533996         mean_loss: 0.00034024709020741284           Epoch: 0 step: 2632         loss: 0.0033274602610617876         mean_loss: 0.000978531781580244           Epoch: 0 step: 2633         loss: 0.0033045553136616945         mean_loss: 0.000186	step: 2618			
step: 2619         Common team.         Common team. <td>-</td> <td>loss:</td> <td>0.0033933250233531</td> <td>mean loss: 7.051519787637517e-06</td>	-	loss:	0.0033933250233531	mean loss: 7.051519787637517e-06
Epoch: 0 step: 2620         loss: 0.0033797656651586294         mean_loss: 1.2684708963206504e-06           Epoch: 0 step: 2621         loss: 0.0033662598580121994         mean_loss: 2.230151267212932e-06           Epoch: 0 step: 2622         loss: 0.0033528083004057407         mean_loss: 3.3992282624240033e-06           Epoch: 0 step: 2623         loss: 0.0033394107595086098         mean_loss: 1.24406778923003e-06           Epoch: 0 step: 2623         loss: 0.0033260660711675882         mean_loss: 1.1629884966168902e-06           Epoch: 0 step: 2625         loss: 0.0033127751667052507         mean_loss: 1.3202941318013472e-06           Epoch: 0 step: 2625         loss: 0.003291668137535453         mean_loss: 8.099542901618406e-05           Epoch: 0 step: 2627         loss: 0.003291668137535453         mean_loss: 1.8947548596770503e-06           Epoch: 0 step: 2629         loss: 0.0032693417742848396         mean_loss: 8.387221168959513e-05           Epoch: 0 step: 2630         loss: 0.005284060537815094         mean_loss: 4.7998550144257024e-05           Epoch: 0 step: 2631         loss: 0.6345568895339966         mean_loss: 0.00034024709020741284           Epoch: 0 step: 2633         loss: 0.0033141635358333588         mean_loss: 0.00034024709020741284           Epoch: 0 step: 2635         loss: 0.0033045553136616945         mean_loss: 0.00018636432650964707           Epoch: 0 step: 2636         loss: 0.0330455531366	-			
step: 2620         Epoch: 0 step: 2621         loss: 0.0033662598580121994         mean_loss: 2.230151267212932e-06           Epoch: 0 step: 2622         loss: 0.0033528083004057407         mean_loss: 3.3992282624240033e-06           Epoch: 0 step: 2623         loss: 0.0033394107595086098         mean_loss: 1.24406778923003e-06           Epoch: 0 step: 2624         loss: 0.0033260660711675882         mean_loss: 1.1629884966168902e-06           Step: 2625         mean_loss: 1.3202941318013472e-06         mean_loss: 1.3202941318013472e-06           Step: 2626         mean_loss: 1.3202941318013472e-06         mean_loss: 1.38947548596770503e-06           Step: 2627         mean_loss: 1.38947548596770503e-06         mean_loss: 1.38947548596770503e-06           Step: 2628         mean_loss: 0.0032693417742848396         mean_loss: 1.38947548596770503e-06           Step: 2631         loss: 0.0528406053	-	1088.	0 0033797656651586294	mean loss: 1 2684708963206504e-06
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Epoch: 0 loss: 0.0032693417742848396 mean_loss: 5.801407951366855e-06 step: 2629	-			_
step: 2629Epoch: 0loss: 0.05284060537815094mean_loss: 4.7998550144257024e-05step: 2630mean_loss: 3.952164206566522e-06Epoch: 0loss: 0.0036314665339887142mean_loss: 3.952164206566522e-06step: 2631mean_loss: 0.00034024709020741284Epoch: 0loss: 0.26386332511901855mean_loss: 0.009785317815840244step: 2633mean_loss: 0.009785317815840244Epoch: 0loss: 0.0033274602610617876mean_loss: 5.08641505803098e-06step: 2634mean_loss: 0.0033141635358333588mean_loss: 1.3119564528096817e-06step: 2635mean_loss: 0.00018636432650964707step: 2636mean_loss: 0.00033045553136616945mean_loss: 1.972271093109157e-06step: 2637mean_loss: 0.00011503156565595418Epoch: 0loss: 0.23822841048240662mean_loss: 0.00011503156565595418Epoch: 0loss: 0.5647547245025635mean_loss: 0.0002100668498314917	-	loss:	0.0032693417742848396	mean loss: 5.801407951366855e-06
Epoch: 0 loss: 0.05284060537815094 mean_loss: 4.7998550144257024e-05 step: 2630 Epoch: 0 loss: 0.0036314665339887142 mean_loss: 3.952164206566522e-06 step: 2631 Epoch: 0 loss: 0.6345568895339966 mean_loss: 0.00034024709020741284 step: 2632 Epoch: 0 loss: 0.26386332511901855 mean_loss: 0.009785317815840244 step: 2633 Epoch: 0 loss: 0.0033274602610617876 mean_loss: 5.08641505803098e-06 step: 2634 Epoch: 0 loss: 0.0033141635358333588 mean_loss: 1.3119564528096817e-06 step: 2635 Epoch: 0 loss: 0.19419032335281372 mean_loss: 0.00018636432650964707 step: 2636 Epoch: 0 loss: 0.0033045553136616945 mean_loss: 1.972271093109157e-06 step: 2637 Epoch: 0 loss: 0.23822841048240662 mean_loss: 0.00011503156565595418 step: 2638 Epoch: 0 loss: 0.5647547245025635 mean_loss: 0.0002100668498314917	•			
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Epoch: 0 loss: 0.0036314665339887142 mean_loss: 3.952164206566522e-06 step: 2631  Epoch: 0 loss: 0.6345568895339966 mean_loss: 0.00034024709020741284 step: 2632  Epoch: 0 loss: 0.26386332511901855 mean_loss: 0.009785317815840244 step: 2633  Epoch: 0 loss: 0.0033274602610617876 mean_loss: 5.08641505803098e-06 step: 2634  Epoch: 0 loss: 0.0033141635358333588 mean_loss: 1.3119564528096817e-06 step: 2635  Epoch: 0 loss: 0.19419032335281372 mean_loss: 0.00018636432650964707 step: 2636  Epoch: 0 loss: 0.0033045553136616945 mean_loss: 1.972271093109157e-06 step: 2637  Epoch: 0 loss: 0.23822841048240662 mean_loss: 0.00011503156565595418 step: 2638  Epoch: 0 loss: 0.5647547245025635 mean_loss: 0.0002100668498314917	-	TOBB.	0.00201000001010001	medii_10bb: 1.75500001112070210 00
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Epoch: 0 loss: 0.6345568895339966 mean_loss: 0.00034024709020741284 step: 2632	-	TOSS.	0.0000314000339007142	mean_1055. 3.302104200000022e 00
Epoch: 0 loss: 0.26386332511901855 mean_loss: 0.009785317815840244 step: 2633  Epoch: 0 loss: 0.0033274602610617876 mean_loss: 5.08641505803098e-06 step: 2634  Epoch: 0 loss: 0.0033141635358333588 mean_loss: 1.3119564528096817e-06 step: 2635  Epoch: 0 loss: 0.19419032335281372 mean_loss: 0.00018636432650964707 step: 2636  Epoch: 0 loss: 0.0033045553136616945 mean_loss: 1.972271093109157e-06 step: 2637  Epoch: 0 loss: 0.23822841048240662 mean_loss: 0.00011503156565595418 step: 2638  Epoch: 0 loss: 0.5647547245025635 mean_loss: 0.0002100668498314917	-	1	0 6345569905330066	man lagg. 0 00024024700020741284
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<pre>step: 2635 Epoch: 0    loss: 0.19419032335281372    mean_loss: 0.00018636432650964707 step: 2636 Epoch: 0    loss: 0.0033045553136616945    mean_loss: 1.972271093109157e-06 step: 2637 Epoch: 0    loss: 0.23822841048240662    mean_loss: 0.00011503156565595418 step: 2638 Epoch: 0    loss: 0.5647547245025635    mean_loss: 0.0002100668498314917</pre>	<del>-</del>			
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<pre>step: 2636 Epoch: 0    loss: 0.0033045553136616945</pre>	step: 2635			
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<pre>step: 2637 Epoch: 0    loss: 0.23822841048240662    mean_loss: 0.00011503156565595418 step: 2638 Epoch: 0    loss: 0.5647547245025635    mean_loss: 0.0002100668498314917</pre>	step: 2636			
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Epoch: 0 loss: 0.23822841048240662 mean_loss: 0.00011503156565595418 step: 2638  Epoch: 0 loss: 0.5647547245025635 mean_loss: 0.0002100668498314917	step: 2637			
step: 2638 Epoch: 0 loss: 0.5647547245025635 mean_loss: 0.0002100668498314917	-	loss:	0.23822841048240662	mean_loss: 0.00011503156565595418
Epoch: 0 loss: 0.5647547245025635 mean_loss: 0.0002100668498314917	-			-
•	-	loss:	0.5647547245025635	mean_loss: 0.0002100668498314917
	step: 2639			_

Epoch: 0 step: 2640	loss:	0.2228296548128128	mean_loss: 0.00208448339253664
Epoch: 0 step: 2641	loss:	0.0025302814319729805	mean_loss: 2.8788301733584376e-06
Epoch: 0 step: 2642	loss:	0.022019188851118088	mean_loss: 3.451735028647818e-05
Epoch: 0 step: 2643	loss:	0.003115880535915494	mean_loss: 1.4076845218369272e-06
Epoch: 0 step: 2644	loss:	0.0031034292187541723	mean_loss: 2.555421360739274e-06
Epoch: 0 step: 2645	loss:	0.10221122205257416	mean_loss: 0.0002661817125044763
Epoch: 0 step: 2646	loss:	0.11513514071702957	mean_loss: 8.254744170699269e-05
Epoch: 0 step: 2647	loss:	0.0035226764157414436	mean_loss: 1.6313230162268155e-06
Epoch: 0 step: 2648	loss:	0.0035085997078567743	mean_loss: 1.450508648304094e-06
Epoch: 0 step: 2649	loss:	0.2033899873495102	mean_loss: 0.0003063124022446573
Epoch: 0 step: 2650	loss:	0.0034764136653393507	mean_loss: 8.443585102213547e-06
Epoch: 0 step: 2651	loss:	0.0034625220578163862	mean_loss: 8.30374574434245e-06
Epoch: 0 step: 2652	loss:	0.0034486858639866114	mean_loss: 1.4308731124401675e-06
Epoch: 0 step: 2653	loss:	0.020103581249713898	mean_loss: 1.1175659892614931e-05
Epoch: 0 step: 2654	loss:	0.0033019238617271185	mean_loss: 1.1657633649519994e-06
Epoch: 0 step: 2655	loss:	0.0032887293491512537	mean_loss: 2.1772966647404246e-06
Epoch: 0 step: 2656	loss:	0.15904319286346436	mean_loss: 0.00012030663492623717
Epoch: 0 step: 2657	loss:	0.003360431408509612	mean_loss: 2.397202479187399e-06
Epoch: 0 step: 2658	loss:	0.0033470033667981625	mean_loss: 9.461583431402687e-06
Epoch: 0 step: 2659	loss:	0.0033336286433041096	mean_loss: 8.114296178973746e-06
Epoch: 0 step: 2660	loss:	0.003320307470858097	mean_loss: 1.8836569779523415e-06
Epoch: 0 step: 2661	loss:	0.2899699807167053	mean_loss: 0.026361078023910522
Epoch: 0 step: 2662	loss:	0.003683235263451934	mean_loss: 1.5470810467377305e-05
Epoch: 0 step: 2663	loss:	0.14654603600502014	mean_loss: 8.224551129387692e-05

Epoch: 0	loss:	0.24863171577453613	mean_loss: 0.00017271802062168717
step: 2664 Epoch: 0	loss:	0.0036808247677981853	mean_loss: 2.9349143915169407e-06
step: 2665	_		
Epoch: 0 step: 2666	loss:	0.0036661166232079268	mean_loss: 2.4266212221846217e-06
Epoch: 0	loss:	0.7180458903312683	mean_loss: 0.00030031296773813665
step: 2667 Epoch: 0	logg.	0.3182928264141083	mean_loss: 0.00019250341574661434
step: 2668	1000.	0.0102020201111000	modn_1055. 0.000102000110   100110
Epoch: 0	loss:	0.21752752363681793	mean_loss: 0.00027524656616151333
step: 2669			
Epoch: 0	loss:	0.003161140251904726	mean_loss: 1.8455353938406915e-06
step: 2670			
Epoch: 0	loss:	0.2043260931968689	mean_loss: 0.001380594214424491
step: 2671	_		
Epoch: 0	loss:	0.003133728401735425	mean_loss: 3.62305195267254e-06
step: 2672	,	0.00000065040764040	1 0 007404400565006605
Epoch: 0	loss:	0.23939265310764313	mean_loss: 0.0074811335653066635
step: 2673	1	0.17066852748394012	1 0 0000F02007162100/11
Epoch: 0 step: 2674	loss:	0.17000052740394012	mean_loss: 0.0008523907163180411
Epoch: 0	logge	0.3860500156879425	mean_loss: 0.00033585276105441153
step: 2675	TOSS.	0.3800300130879423	mean_10ss. 0.00033363270103441133
Epoch: 0	loggi	0.11513839662075043	mean_loss: 4.928478301735595e-05
step: 2676	TOBB.	0.11010003002070010	mean_1055. 4.3201/0001/000300 00
Epoch: 0	loss:	0.6319372653961182	mean_loss: 0.00026927419821731746
step: 2677	1000.	0.001001200001102	modn_1055. 0.0002052/110021/01/10
Epoch: 0	loss:	0.11179541051387787	mean_loss: 0.0002359256468480453
step: 2678			
Epoch: 0	loss:	0.22597381472587585	mean_loss: 8.142899605445564e-05
step: 2679			_
Epoch: 0	loss:	0.002442894736304879	mean_loss: 2.379192892476567e-06
step: 2680			
Epoch: 0	loss:	0.1644049882888794	mean_loss: 9.37862932914868e-05
step: 2681			
Epoch: 0	loss:	0.12482085078954697	mean_loss: 5.3726726036984473e-05
step: 2682			
Epoch: 0	loss:	0.0026635879185050726	mean_loss: 1.5012788935564458e-05
step: 2683			
Epoch: 0	loss:	0.043482497334480286	mean_loss: 2.2572656234842725e-05
step: 2684	_		
Epoch: 0	loss:	0.0948663130402565	mean_loss: 4.975820047548041e-05
step: 2685	-	0.000040050870040040	1 0 00400055000450 00
Epoch: 0	Toss:	0.0030122536700218916	mean_loss: 2.2013025500200456e-06
step: 2686	1	0 1040422021200570	mann lagg. 7 070E1E120100066- 05
Epoch: 0 step: 2687	TOSS:	0.1840433031320572	mean_loss: 7.070515130180866e-05
step. 2001			

	-	0.0000000000000000000000000000000000000	3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Epoch: 0	loss:	0.0030604482162743807	mean_loss: 3.0637506824859884e-06
step: 2688	7	0.000040010201055174	lass 1 1951040629497975
Epoch: 0	loss:	0.003048218321055174	mean_loss: 1.1251040632487275e-06
step: 2689 Epoch: 0	1.000.	0.0030360380187630653	mean_loss: 3.507116616674466e-06
step: 2690	1088.	0.0030300360187630633	mean_10ss. 3.30/1100100/4400e-00
Epoch: 0	logge	0.0030239063780754805	mean_loss: 1.6364397197321523e-06
step: 2691	TOSS.	0.0030233003780734003	mean_10ss. 1.000409/19/321320e 00
Epoch: 0	loss.	0.003011822234839201	mean_loss: 1.8408421738058678e-06
step: 2692	TODD.	0.000011022201000201	moun_1055. 1.0100121/000000/00 00
Epoch: 0	loss:	0.4616175889968872	mean_loss: 0.0002455422654747963
step: 2693	1000.	0.10101/0000000072	modi_1055. 0.0002100122001,17000
Epoch: 0	loss:	0.002318283310160041	mean_loss: 1.010175537885516e-06
step: 2694			
Epoch: 0	loss:	0.284104585647583 r	nean_loss: 0.00014851312153041363
step: 2695			_
Epoch: 0	loss:	0.039052028208971024	mean_loss: 0.0002496849629096687
step: 2696			
Epoch: 0	loss:	0.0026452827733010054	mean_loss: 3.3161143164761597e-06
step: 2697			
Epoch: 0	loss:	0.0026347124949097633	mean_loss: 9.578898243489675e-07
step: 2698			
Epoch: 0	loss:	0.23606307804584503	mean_loss: 0.00033015949884429574
step: 2699			
Epoch: 0	loss:	0.002556589897722006	mean_loss: 4.6262007344921585e-06
step: 2700			
Epoch: 0	loss:	0.0025463735219091177	mean_loss: 1.2716847095362027e-06
step: 2701			
Epoch: 0	loss:	0.046562276780605316	mean_loss: 1.8397291569272056e-05
step: 2702			
Epoch: 0	loss:	0.0029063462279736996	mean_loss: 0.0001462371728848666
step: 2703	_	A AAAAA 47000 AAAAA	
Epoch: 0	loss:	0.002894732868298888	mean_loss: 2.9324687602638733e-06
step: 2704	-	0.000001450740400747	1 040077070005044 04
Epoch: 0	loss:	0.0028831653762608767	mean_loss: 1.0133770729225944e-06
step: 2705	7	0 0000716440175000500	1 2 0F2007789040F082- 06
Epoch: 0	loss:	0.0028716442175209522	mean_loss: 3.2532927889405983e-06
step: 2706 Epoch: 0	loggi	0.0028601691592484713	mean_loss: 5.7268451200798154e-05
step: 2707	1055.	0.0020001091392404713	mean_1055. 3.7200431200790134e 03
Epoch: 0	loggi	0.0028487402014434338	mean_loss: 1.4336500271383557e-06
step: 2708	TOBB.	0.0020107102011101000	mean_1055. 1.40000002/100000/6 00
Epoch: 0	loss	0.0028373561799526215	mean_loss: 1.2141957768108114e-06
step: 2709		1.10200.0001.00020210	
Epoch: 0	loss:	0.18294064700603485	mean_loss: 0.0008629332878626883
step: 2710			_
Epoch: 0	loss:	0.010368067771196365	mean_loss: 4.432123660080833e-06
step: 2711			_
_			

Epoch: 0 step: 2712	loss:	0.003637145971879363	mean_loss: 1.360320538879023e-06
Epoch: 0 step: 2713	loss:	0.003622611751779914	mean_loss: 1.6106542943816748e-06
Epoch: 0 step: 2714	loss:	0.0036081362050026655	mean_loss: 1.2910396662846324e-06
Epoch: 0 step: 2715	loss:	0.11502110213041306	mean_loss: 8.520176925230771e-05
Epoch: 0 step: 2716	loss:	0.0967869684100151	mean_loss: 0.0005535552627407014
Epoch: 0 step: 2717	loss:	0.004968179855495691	mean_loss: 4.039308805658948e-06
Epoch: 0 step: 2718	loss:	0.004948326852172613	mean_loss: 3.780432052735705e-06
Epoch: 0 step: 2719	loss:	0.19074365496635437	mean_loss: 0.00013451864651869982
Epoch: 0 step: 2720	loss:	0.004902067594230175	mean_loss: 3.291886514489306e-06
Epoch: 0 step: 2721		0.004882479086518288	mean_loss: 2.3067850634106435e-06
Epoch: 0 step: 2722		0.32497894763946533	mean_loss: 0.0002125449536833912
Epoch: 0 step: 2723		0.5637854933738708	mean_loss: 0.0004921448999084532
Epoch: 0 step: 2724		0.004246372263878584	mean_loss: 2.104137365677161e-06
Epoch: 0 step: 2725		0.34726205468177795	mean_loss: 0.00025164071121253073
Epoch: 0 step: 2726		0.004029883537441492	mean_loss: 1.975784016394755e-06
Epoch: 0 step: 2727		0.12886862456798553	mean_loss: 5.586068800766952e-05
Epoch: 0 step: 2728		0.004112216178327799	
Epoch: 0 step: 2729		0.18347333371639252	mean_loss: 8.989460911834612e-05
Epoch: 0 step: 2730 Epoch: 0		0.004154264461249113 0.004137663636356592	mean_loss: 9.516051250102464e-06
step: 2731 Epoch: 0		0.004121129401028156	mean_loss: 2.770327228063252e-06 mean_loss: 2.002865358008421e-06
step: 2732 Epoch: 0			_
step: 2733 Epoch: 0		0.0036322299856692553	mean_loss: 0.00044350020471028984 mean_loss: 3.900220235664165e-06
step: 2734 Epoch: 0		0.0036177150905132294	mean_loss: 2.0472668893489754e-06
step: 2735	1000.	0.0000171100000102204	modii_1055. 2.01/2000000400/046 00

Epoch: 0	loss:	0.08097372204065323	mean_loss: 3.052234023925848e-05
step: 2736 Epoch: 0 step: 2737	loss:	0.0035728286020457745	mean_loss: 8.170864020939916e-06
Epoch: 0 step: 2738	loss:	0.1935272216796875	mean_loss: 0.00016114520258270204
Epoch: 0 step: 2739	loss:	0.0035891025327146053	mean_loss: 2.7575350031838752e-05
Epoch: 0 step: 2740	loss:	0.0035747603978961706	mean_loss: 1.3588592082669493e-06
Epoch: 0 step: 2741	loss:	0.003560475306585431	mean_loss: 1.8435994206811301e-06
Epoch: 0 step: 2742	loss:	0.003546247724443674	mean_loss: 1.9045041881327052e-06
Epoch: 0 step: 2743		0.0035320769529789686	mean_loss: 1.7911715985974297e-06
Epoch: 0 step: 2744		0.18915855884552002	mean_loss: 0.00011727237870218232
Epoch: 0 step: 2745		0.18631058931350708	mean_loss: 0.00017309922259300947
Epoch: 0 step: 2746		0.0035634604282677174	mean_loss: 1.8325451947021065e-06
Epoch: 0 step: 2747 Epoch: 0		0.013460683636367321 0.07378605008125305	mean_loss: 1.4958352039684542e-05 mean_loss: 3.30501607095357e-05
step: 2748 Epoch: 0		0.00499880313873291	mean_loss: 1.8330978264202713e-06
step: 2749 Epoch: 0		0.004978828132152557	mean_loss: 3.1866036351857474e-06
step: 2750 Epoch: 0		0.004958932753652334	mean_loss: 2.2053864086046815e-05
step: 2751 Epoch: 0	loss:	0.20942413806915283	mean_loss: 0.0003237189957872033
step: 2752 Epoch: 0	loss:	0.004874339792877436	mean_loss: 4.3681164243025705e-05
step: 2753 Epoch: 0	loss:	0.24542021751403809	mean_loss: 0.00011778497719205916
step: 2754 Epoch: 0	loss:	0.14333178102970123	mean_loss: 0.00010017427121056244
step: 2755 Epoch: 0	loss:	0.005516550969332457	mean_loss: 2.67590530711459e-06
step: 2756 Epoch: 0	loss:	0.005494507495313883	mean_loss: 7.53038766561076e-05
step: 2757 Epoch: 0 step: 2758	loss:	0.45766931772232056	mean_loss: 0.00020968604076188058
Epoch: 0 step: 2759	loss:	0.03656643256545067	mean_loss: 1.7537489839014597e-05

Epoch: 0	loss:	0.00508638471364975	mean_loss: 1.2759805031237192e-05
step: 2760 Epoch: 0	loss:	0.11150970309972763	mean_loss: 5.553907612920739e-05
step: 2761 Epoch: 0	loss:	0.004939149133861065	mean_loss: 2.4973439849418355e-06
step: 2762 Epoch: 0	loss:	0.004919412080198526	mean_loss: 1.4692266631755047e-05
step: 2763 Epoch: 0	loss:	0.004899753723293543	mean_loss: 2.170691686842474e-06
step: 2764 Epoch: 0	loss:	0.199370339512825	mean_loss: 8.272718696389347e-05
step: 2765 Epoch: 0	loss:	0.004860417451709509	mean_loss: 2.292738599862787e-06
step: 2766 Epoch: 0	loss:	0.00484099518507719	mean_loss: 1.8838148889699369e-06
step: 2767 Epoch: 0	loss:	0.21766901016235352	mean_loss: 0.006402085069566965
step: 2768 Epoch: 0	loss:	0.004816714208573103	mean_loss: 0.002243759809061885
step: 2769 Epoch: 0	loss:	0.6863294243812561	mean_loss: 0.0002493926731403917
step: 2770 Epoch: 0	loss:	0.005372003186494112	mean_loss: 0.0003122997877653688
step: 2771 Epoch: 0	loss:	0.0053505371324718	mean_loss: 2.8600186851690523e-05
step: 2772 Epoch: 0	loss:	0.24455279111862183	mean_loss: 0.00015267252456396818
step: 2773 Epoch: 0	loss:	0.0053531634621322158	mean_loss: 3.7051386243547313e-06
step: 2774 Epoch: 0	loss:	0.20763050019741058	mean_loss: 0.00026517780497670174
step: 2775 Epoch: 0	loss:	0.20046620070934296	mean_loss: 9.046028571901843e-05
step: 2776 Epoch: 0	loss:	0.20462779700756073	mean_loss: 7.160484528867528e-05
step: 2777 Epoch: 0	loss:	0.13126815855503082	mean_loss: 6.269200821407139e-05
step: 2778 Epoch: 0	loss:	0.8944563269615173	mean_loss: 0.0011617130367085338
step: 2779 Epoch: 0	loss:	0.17697036266326904	mean_loss: 0.00010776289855130017
step: 2780 Epoch: 0	loss:	0.005686608608812094	mean_loss: 3.0337023417814635e-06
step: 2781 Epoch: 0 step: 2782	loss:	0.45337170362472534	mean_loss: 0.0005187353817746043
Epoch: 0 step: 2783	loss:	0.6621078252792358	mean_loss: 0.0003974964492954314
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Epoch: 0 step: 2784	loss:	0.12091351300477982	mean_loss: 4.829260069527663e-05
Epoch: 0 step: 2785	loss:	0.0071904901415109634	mean_loss: 4.376531251182314e-06
Epoch: 0 step: 2786	loss:	0.22917814552783966	mean_loss: 0.000111960202048067
Epoch: 0 step: 2787	loss:	0.007135272957384586	mean_loss: 4.233197159919655e-06
Epoch: 0 step: 2788	loss:	0.48793187737464905	mean_loss: 0.0003008237399626523
Epoch: 0 step: 2789	loss:	0.0076601263135671616	mean_loss: 1.3202238733356353e-05
Epoch: 0 step: 2790	loss:	0.49524033069610596	mean_loss: 0.00019559776410460472
Epoch: 0 step: 2791	loss:	0.16079340875148773	mean_loss: 0.00035775333526544273
Epoch: 0 step: 2792		0.14231111109256744	mean_loss: 6.004581518936902e-05
Epoch: 0 step: 2793		0.09264888614416122	mean_loss: 0.00015349160821642727
Epoch: 0 step: 2794		0.006303854286670685	mean_loss: 2.5028473828569986e-05
Epoch: 0 step: 2795		0.15172208845615387	mean_loss: 0.0004756963171530515
Epoch: 0 step: 2796		0.006212478969246149	mean_loss: 1.506345779489493e-05
Epoch: 0 step: 2797		0.4174281656742096	mean_loss: 0.0002710670232772827
Epoch: 0 step: 2798		0.006118323653936386	mean_loss: 3.601685875764815e-06
Epoch: 0 step: 2799		0.006093875039368868	mean_loss: 1.3342400052351877e-05
Epoch: 0 step: 2800 Epoch: 0		0.006069524213671684	mean_loss: 1.854532638390083e-05
step: 2801 Epoch: 0		0.1964041143655777 0.0729348435997963	mean_loss: 0.00012291781604290009 mean_loss: 6.319875683402643e-05
step: 2802 Epoch: 0		0.07083061337471008	mean_loss: 3.5786881198873743e-05
step: 2803 Epoch: 0		0.4372729957103729	mean_loss: 0.0001526916166767478
step: 2804 Epoch: 0		0.00584829319268465	mean_loss: 2.530993242544355e-06
step: 2805 Epoch: 0		0.2582484185695648	mean_loss: 0.00024409352045040578
step: 2806 Epoch: 0		0.005977526772767305	mean_loss: 1.5476667613256723e-05
step: 2807			

Epoch: 0 step: 2808	loss:	0.22754061222076416	mean_loss: 9.276644414057955e-05
Epoch: 0 step: 2809	loss:	0.005762179847806692	mean_loss: 6.29564092378132e-05
Epoch: 0 step: 2810	loss:	0.3400154113769531	mean_loss: 0.0005347143742255867
Epoch: 0 step: 2811	loss:	0.005771676544100046	mean_loss: 7.273807113961084e-06
Epoch: 0 step: 2812	loss:	0.0057486132718622684	mean_loss: 2.1720327367802383e-06
Epoch: 0 step: 2813	loss:	0.005725642200559378	mean_loss: 4.702638761955313e-06
Epoch: 0 step: 2814	loss:	0.005702762398868799	mean_loss: 2.8282779567234684e-06
Epoch: 0 step: 2815		0.4889482855796814	mean_loss: 0.000490422360599041
Epoch: 0 step: 2816		0.12623295187950134	mean_loss: 0.0002960826677735895
Epoch: 0 step: 2817		0.18291394412517548	mean_loss: 7.378575537586585e-05
Epoch: 0 step: 2818		0.005035285837948322	mean_loss: 2.480131797710783e-06
Epoch: 0 step: 2819 Epoch: 0		0.19269774854183197 0.004983578808605671	mean_loss: 7.652908243471757e-05 mean_loss: 2.0208099158480763e-06
step: 2820 Epoch: 0		0.0049636648036539555	mean_loss: 2.227763843620778e-06
step: 2821 Epoch: 0		0.22201000154018402	mean_loss: 0.00033385297865606844
step: 2822 Epoch: 0		0.005117358639836311	mean_loss: 4.592427558236523e-06
step: 2823 Epoch: 0	loss:	0.005096910055726767	mean_loss: 5.205614797887392e-06
step: 2824 Epoch: 0	loss:	0.005076542496681213	mean_loss: 2.043324457190465e-06
step: 2825 Epoch: 0	loss:	0.005056255962699652	mean_loss: 1.2307297765801195e-05
step: 2826 Epoch: 0	loss:	0.0050360518507659435	mean_loss: 3.167101112921955e-06
step: 2827 Epoch: 0 step: 2828	loss:	0.04563644900918007	mean_loss: 3.138900501653552e-05
Epoch: 0 step: 2829	loss:	0.004809852689504623	mean_loss: 2.2760891624784563e-06
Epoch: 0 step: 2830	loss:	0.004790632985532284	mean_loss: 2.677602788025979e-05
Epoch: 0 step: 2831	loss:	0.39895257353782654	mean_loss: 0.0002564134483691305

Epoch: 0	loss:	0.021518541499972343	mean_loss: 1.0606408068269957e-05
step: 2832 Epoch: 0	loss:	0.00522893900051713	mean_loss: 3.053348109460785e-06
step: 2833 Epoch: 0 step: 2834	loss:	0.01003989391028881	mean_loss: 1.7167432815767825e-05
Epoch: 0 step: 2835	loss:	0.005006503313779831	mean_loss: 6.636289072048385e-06
Epoch: 0 step: 2836	loss:	0.0049864971078932285	mean_loss: 3.1843962915445445e-06
Epoch: 0 step: 2837	loss:	0.004966570995748043	mean_loss: 0.00023665500339120626
Epoch: 0 step: 2838	loss:	0.004946724511682987	mean_loss: 2.6047133360407315e-05
Epoch: 0 step: 2839	loss:	0.13572606444358826	mean_loss: 7.887978426879272e-05
Epoch: 0 step: 2840	loss:	0.0047623529098927975	mean_loss: 1.921124021464493e-05
Epoch: 0 step: 2841	loss:	0.42548877000808716	mean_loss: 0.00015333620831370354
Epoch: 0 step: 2842	loss:	0.2106248140335083	mean_loss: 0.00014617069973610342
Epoch: 0 step: 2843		0.046068958938121796	mean_loss: 1.960760710062459e-05
Epoch: 0 step: 2844		0.004807222634553909	mean_loss: 1.8458241584085044e-06
Epoch: 0 step: 2845		0.10576511919498444	mean_loss: 4.6490975364577025e-05
Epoch: 0 step: 2846		0.016619756817817688	mean_loss: 1.1687411642924417e-05
Epoch: 0 step: 2847		0.005513917189091444	mean_loss: 4.1113130464509595e-06
Epoch: 0 step: 2848		0.005491883493959904	mean_loss: 2.7343257897882722e-06
Epoch: 0 step: 2849		0.005469937808811665	mean_loss: 2.9646112125192303e-06
Epoch: 0 step: 2850 Epoch: 0		0.005448080133646727	mean_loss: 1.593872730154544e-05
step: 2851 Epoch: 0		0.005426309071481228 0.005404625553637743	mean_loss: 2.925939725173521e-06 mean_loss: 1.931268343469128e-05
step: 2852 Epoch: 0		0.005383028648793697	mean_loss: 9.018934179039206e-06
step: 2853 Epoch: 0		0.005361518822610378	mean_loss: 4.637769961846061e-06
step: 2854 Epoch: 0		0.011925959959626198	mean_loss: 1.2624971532204654e-05
step: 2855	1000.	0.011020000000020190	moun_1055. 1.20210/10022010016 00

Epoch				
Epoch	-	loss:	0.14409665763378143	mean_loss: 0.000115564776933752
Step: 2857   Epoch: 0	-			
Epoch	-	loss:	0.38010555505752563	mean_loss: 0.00015531908138655126
## Step: 2858   Epoch: 0   loss: 0.18706274032592773   mean_loss: 0.00025611554156057537   step: 2859   Epoch: 0   loss: 0.005434521473944187   mean_loss: 2.4656139885337325e-06   step: 2860   Epoch: 0   loss: 0.17362898588180542   mean_loss: 0.001205773907713592   step: 2861   Epoch: 0   loss: 0.005246597807854414   mean_loss: 9.110503742704168e-05   step: 2863   Epoch: 0   loss: 0.005246597807854414   mean_loss: 3.298951241959003e-06   step: 2863   Epoch: 0   loss: 0.00482311416387558   mean_loss: 4.329947114456445e-05   step: 2864   Epoch: 0   loss: 0.00482379412278533   mean_loss: 8.933175195124932e-06   step: 2866   Epoch: 0   loss: 0.00482379412278533   mean_loss: 4.261664344085148e-06   step: 2866   Epoch: 0   loss: 0.004804518539458513   mean_loss: 2.4366433990508085e-06   step: 2868   Epoch: 0   loss: 0.004785319324582815   mean_loss: 2.4366433990508085e-06   step: 2868   Epoch: 0   loss: 0.005391766782850027   mean_loss: 0.00024519654107280076   step: 2870   Epoch: 0   loss: 0.1977819949388504   mean_loss: 0.00019902230997104198   step: 2871   Epoch: 0   loss: 0.18111652135849   mean_loss: 0.000024519654107280076   step: 2873   Epoch: 0   loss: 0.9522503018379211   mean_loss: 0.000024032729561440647   step: 2875   Epoch: 0   loss: 0.18464301526546478   mean_loss: 0.000024724757531657815   mean_loss: 0.0000247247	step: 2857			
Epoch: 0         loss: 0.18706274032592773         mean_loss: 0.00025611554156057537           step: 2850         Loss: 0.005434521473944187         mean_loss: 2.4656139885337325e-06           Epoch: 0         loss: 0.17362898588180542         mean_loss: 0.001205773907713592           step: 2861         mean_loss: 0.001205773907713592           Epoch: 0         loss: 0.19512557983398438         mean_loss: 9.110503742704168e-05           step: 2862         Epoch: 0         loss: 0.005246597807854414         mean_loss: 3.298951241959003e-06           step: 2863         Epoch: 0         loss: 0.00425311416387558         mean_loss: 4.329947114456445e-05           step: 2864         Epoch: 0         loss: 0.004843147471547127         mean_loss: 8.933175195124932e-06           step: 2865         Epoch: 0         loss: 0.004804518539458513         mean_loss: 4.261664344085148e-06           step: 2866         Epoch: 0         loss: 0.004785319324582815         mean_loss: 2.4366433990508085e-06           step: 2868         Epoch: 0         loss: 0.005117820575833321         mean_loss: 2.5575711788405897e-06           step: 2870         Epoch: 0         loss: 0.1977819949388504         mean_loss: 0.00024519654107280076           step: 2872         Epoch: 0         loss: 0.22359375655651093         mean_loss: 0.0000249323293997104198           step: 2874         Epoch	Epoch: 0	loss:	0.005522411782294512	mean_loss: 0.00015771474863868207
step: 2859         Epoch: 0 toss: 0.005434521473944187         mean_loss: 2.4656139885337325e-06           Epoch: 0 toss: 0.17362898588180542         mean_loss: 0.001205773907713592           step: 2861         Epoch: 0 toss: 0.19512557983398438         mean_loss: 9.110503742704168e-05           Epoch: 0 toss: 0.005246597807854414         mean_loss: 3.298951241959003e-06           step: 2863         Epoch: 0 toss: 0.004825311416387558         mean_loss: 4.329947114456445e-05           Epoch: 0 toss: 0.004843147471547127         mean_loss: 8.933175195124932e-06           step: 2866         Epoch: 0 toss: 0.00482379412278533         mean_loss: 4.261664344085148e-06           Epoch: 0 toss: 0.004804518539458513         mean_loss: 2.684969331312459e-06           Epoch: 0 toss: 0.004804518539458513         mean_loss: 2.4366433990508085e-06           Step: 2868         Epoch: 0 toss: 0.004785319324582815         mean_loss: 2.4366433990508085e-06           Step: 2868         Epoch: 0 toss: 0.005391766782850027         mean_loss: 0.00024519654107280076           Epoch: 0 toss: 0.1977819949388504         mean_loss: 0.00019902230997104198           step: 2870         Epoch: 0 toss: 0.18111652135849         mean_loss: 0.0003209241549484432           Epoch: 0 toss: 0.22359375655651093         mean_loss: 0.0003209241549484432           step: 2875         Epoch: 0 toss: 0.18464301526546478         mean_loss: 0.0000493328255601227 <td>step: 2858</td> <td></td> <td></td> <td></td>	step: 2858			
Epoch: 0 step: 2860         loss: 0.17362898588180542         mean_loss: 2.4656139885337325e-06           Epoch: 0 step: 2861         loss: 0.19512557983398438         mean_loss: 0.001205773907713592           Epoch: 0 step: 2862         loss: 0.005246597807854414         mean_loss: 9.110503742704168e-05           Epoch: 0 step: 2863         loss: 0.006425311416387558         mean_loss: 3.298951241959003e-06           Epoch: 0 step: 2864         loss: 0.004843147471547127         mean_loss: 4.329947114456445e-05           Epoch: 0 step: 2865         loss: 0.00482379412278533         mean_loss: 8.933175195124932e-06           Epoch: 0 step: 2866         loss: 0.004804518539458513         mean_loss: 2.684969331312459e-06           Epoch: 0 step: 2867         loss: 0.004785319324582815         mean_loss: 2.4366433990508085e-06           Epoch: 0 step: 2869         loss: 0.005117820575833321         mean_loss: 2.5575711788405897e-06           Epoch: 0 step: 2869         loss: 0.005391766782850027         mean_loss: 0.00024519654107280076           Epoch: 0 step: 2870         loss: 0.1977819949388504         mean_loss: 0.00024519654107280076           Epoch: 0 step: 2872         loss: 0.18111652135849         mean_loss: 0.0003209241549484432           Epoch: 0 step: 2874         loss: 0.22359375655651093         mean_loss: 0.0003209241549484432           Epoch: 0 step: 2875         loss: 0.18464301526546478 <th< td=""><td>Epoch: 0</td><td>loss:</td><td>0.18706274032592773</td><td>mean_loss: 0.00025611554156057537</td></th<>	Epoch: 0	loss:	0.18706274032592773	mean_loss: 0.00025611554156057537
step: 2860         Cpoch: 0         loss: 0.17362898588180542         mean_loss: 0.001205773907713592           step: 2861         Cpoch: 0         loss: 0.19512557983398438         mean_loss: 9.110503742704168e-05           step: 2862         Cpoch: 0         loss: 0.005246597807854414         mean_loss: 3.298951241959003e-06           step: 2863         Cpoch: 0         loss: 0.06425311416387558         mean_loss: 4.329947114456445e-05           step: 2864         Cpoch: 0         loss: 0.004843147471547127         mean_loss: 8.933175195124932e-06           step: 2865         Cpoch: 0         loss: 0.00482379412278533         mean_loss: 4.261664344085148e-06           step: 2866         Cpoch: 0         loss: 0.004804518539458513         mean_loss: 2.684969331312459e-06           step: 2866         Cpoch: 0         loss: 0.004785319324582815         mean_loss: 2.4366433990508085e-06           step: 2868         Cpoch: 0         loss: 0.005391766782850027         mean_loss: 2.5575711788405897e-06           step: 2879         Cpoch: 0         loss: 0.1977819949388504         mean_loss: 0.00024519654107280076           step: 2871         Cpoch: 0         loss: 0.18111652135849         mean_loss: 0.00032092415694693e-05           step: 2873         Cpoch: 0         loss: 0.22359375655651093         mean_loss: 0.0003209241549484432           step: 2875 <t< td=""><td>step: 2859</td><td></td><td></td><td></td></t<>	step: 2859			
Epoch: 0 loss: 0.17362898588180542 mean_loss: 0.001205773907713592 step: 2861  Epoch: 0 loss: 0.19512557983398438 mean_loss: 9.110503742704168e-05 step: 2862  Epoch: 0 loss: 0.005246597807854414 mean_loss: 3.298951241959003e-06 step: 2863  Epoch: 0 loss: 0.06425311416387558 mean_loss: 4.329947114456445e-05 step: 2864  Epoch: 0 loss: 0.004843147471547127 mean_loss: 8.933175195124932e-06 step: 2865  Epoch: 0 loss: 0.00482379412278533 mean_loss: 4.261664344085148e-06 step: 2866  Epoch: 0 loss: 0.004804518539458513 mean_loss: 2.684969331312459e-06 step: 2867  Epoch: 0 loss: 0.004785319324582815 mean_loss: 2.4366433990508085e-06 step: 2868  Epoch: 0 loss: 0.005117820575833321 mean_loss: 2.5575711788405897e-06 step: 2869  Epoch: 0 loss: 0.005391766782850027 mean_loss: 0.00024519654107280076 step: 2870  Epoch: 0 loss: 0.1977819949388504 mean_loss: 0.00024519654107280076 step: 2871  Epoch: 0 loss: 0.18111652135849 mean_loss: 9.038133430294693e-05 step: 2873  Epoch: 0 loss: 0.22359375655651093 mean_loss: 0.0003209241549484432 step: 2874  Epoch: 0 loss: 0.9522503018379211 mean_loss: 0.00024032729561440647 step: 2876  Epoch: 0 loss: 0.18464301526546478 mean_loss: 0.00024724757531657815 me	Epoch: 0	loss:	0.005434521473944187	mean_loss: 2.4656139885337325e-06
step: 2861         Epoch: 0 step: 2862         loss: 0.19512557983398438         mean_loss: 9.110503742704168e-05           Epoch: 0 step: 2863         loss: 0.005246597807854414         mean_loss: 3.298951241959003e-06           Epoch: 0 step: 2863         loss: 0.06425311416387558         mean_loss: 4.329947114456445e-05           Epoch: 0 step: 2866         loss: 0.004843147471547127         mean_loss: 8.933175195124932e-06           Epoch: 0 step: 2865         loss: 0.00482379412278533         mean_loss: 4.261664344085148e-06           Epoch: 0 step: 2866         loss: 0.004804518539458513         mean_loss: 2.684969331312459e-06           Epoch: 0 step: 2867         loss: 0.004785319324582815         mean_loss: 2.4366433990508085e-06           Epoch: 0 step: 2868         loss: 0.005117820575833321         mean_loss: 2.5575711788405897e-06           Epoch: 0 step: 2869         loss: 0.005391766782850027         mean_loss: 0.00024519654107280076           Epoch: 0 step: 2870         loss: 0.1977819949388504         mean_loss: 0.00019902230997104198           Epoch: 0 step: 2872         loss: 0.18111652135849         mean_loss: 9.038133430294693e-05           Epoch: 0 step: 2872         loss: 0.22359375655651093         mean_loss: 0.0003209241549484432           Epoch: 0 step: 2875         loss: 0.9522503018379211         mean_loss: 0.0006493328255601227           Epoch: 0 step: 2876         loss: 0.27828091	step: 2860			
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•	-	loss:	0.10712958127260208	mean_loss: 9.887369378702715e-05
	step: 2879			

```
step: 2880
        KeyboardInterrupt
                                                  Traceback (most recent call_
 →last)
        <ipython-input-1-b766663ef3cc> in <module>
                    optimizer.learning_rate=lr
                if i%2 == 1:
        202
   --> 203
                    train_pred = model1.predict(train_images, batch_size = 1)
        204
                    train_pred = tf.linalg.normalize(train_pred, axis = 1)[0]
        205
        /opt/anaconda3/envs/RETINANET/lib/python3.7/site-packages/tensorflow/
 →python/keras/engine/training.py in predict(self, x, batch size, verbose, u
 →steps, callbacks, max_queue_size, workers, use_multiprocessing)
       1606
                      use_multiprocessing=use_multiprocessing,
       1607
                      model=self,
   -> 1608
                      steps_per_execution=self._steps_per_execution)
       1609
       1610
                  # Container that configures and calls `tf.keras.Callback`s.
        /opt/anaconda3/envs/RETINANET/lib/python3.7/site-packages/tensorflow/
 →python/keras/engine/data_adapter.py in __init__(self, x, y, sample_weight,_
 →batch_size, steps_per_epoch, initial_epoch, epochs, shuffle, class_weight,
 →max_queue_size, workers, use multiprocessing, model, steps_per_execution)
                    use_multiprocessing=use_multiprocessing,
       1110
                    distribution_strategy=ds_context.get_strategy(),
       1111
   -> 1112
                    model=model)
       1113
                strategy = ds_context.get_strategy()
       1114
        /opt/anaconda3/envs/RETINANET/lib/python3.7/site-packages/tensorflow/
 →python/keras/engine/data_adapter.py in __init__(self, x, y, sample_weights,_
 →sample_weight_modes, batch_size, epochs, steps, shuffle, **kwargs)
                           **kwargs):
        261
        262
                super(TensorLikeDataAdapter, self).__init__(x, y, **kwargs)
   --> 263
                x, y, sample_weights = _process_tensorlike((x, y, _
 →sample_weights))
        264
                sample_weight_modes = broadcast_sample_weight_modes(
        265
                    sample_weights, sample_weight_modes)
```

mean_loss: 4.411728150444105e-05

Epoch: 0

loss: 0.005812841933220625

```
/opt/anaconda3/envs/RETINANET/lib/python3.7/site-packages/tensorflow/
→python/keras/engine/data_adapter.py in _process_tensorlike(inputs)
      1014
               return x
      1015
   -> 1016
             inputs = nest.map_structure(_convert_numpy_and_scipy, inputs)
      1017
            return nest.list_to_tuple(inputs)
      1018
       /opt/anaconda3/envs/RETINANET/lib/python3.7/site-packages/tensorflow/
→python/util/nest.py in map_structure(func, *structure, **kwargs)
       657
       658
            return pack sequence as(
   --> 659
                 structure[0], [func(*x) for x in entries],
                 expand_composites=expand_composites)
       660
       661
       /opt/anaconda3/envs/RETINANET/lib/python3.7/site-packages/tensorflow/
→python/util/nest.py in <listcomp>(.0)
       657
            return pack_sequence_as(
       658
                 structure[0], [func(*x) for x in entries],
   --> 659
       660
                 expand_composites=expand_composites)
       661
       /opt/anaconda3/envs/RETINANET/lib/python3.7/site-packages/tensorflow/
→python/keras/engine/data_adapter.py in _convert_numpy_and_scipy(x)
                 if issubclass(x.dtype.type, np.floating):
      1009
      1010
                   dtype = backend.floatx()
  -> 1011
                 return ops.convert_to_tensor_v2_with_dispatch(x, dtype=dtype)
      1012
               elif scipy_sparse and scipy_sparse.issparse(x):
      1013
                 return _scipy_sparse_to_sparse_tensor(x)
       /opt/anaconda3/envs/RETINANET/lib/python3.7/site-packages/tensorflow/
→python/util/dispatch.py in wrapper(*args, **kwargs)
       199
               """Call target, and fall back on dispatchers if there is a
→TypeError."""
       200
              try:
                 return target(*args, **kwargs)
   --> 201
               except (TypeError, ValueError):
       202
                 # Note: convert_to_eager_tensor currently raises a ValueError,
       203
→not a
```

```
/opt/anaconda3/envs/RETINANET/lib/python3.7/site-packages/tensorflow/
→python/framework/ops.py in convert_to_tensor_v2_with_dispatch(value, dtype, __
→dtype hint, name)
      1403
      1404
            return convert_to_tensor_v2(
  -> 1405
                 value, dtype=dtype, dtype_hint=dtype_hint, name=name)
      1406
      1407
       /opt/anaconda3/envs/RETINANET/lib/python3.7/site-packages/tensorflow/
→python/framework/ops.py in convert_to_tensor_v2(value, dtype, dtype_hint, name)
      1413
                 name=name,
      1414
                 preferred_dtype=dtype_hint,
  -> 1415
                 as_ref=False)
      1416
      1417
       /opt/anaconda3/envs/RETINANET/lib/python3.7/site-packages/tensorflow/
→python/profiler/trace.py in wrapped(*args, **kwargs)
                   with Trace(trace_name, **trace_kwargs):
       161
                     return func(*args, **kwargs)
       162
   --> 163
                return func(*args, **kwargs)
       164
       165
              return wrapped
       /opt/anaconda3/envs/RETINANET/lib/python3.7/site-packages/tensorflow/
→python/framework/ops.py in convert_to_tensor(value, dtype, name, as_ref,_
→preferred_dtype, dtype_hint, ctx, accepted_result_types)
      1538
      1539
               if ret is None:
  -> 1540
                ret = conversion_func(value, dtype=dtype, name=name,__
→as_ref=as_ref)
      1541
      1542
              if ret is NotImplemented:
       /opt/anaconda3/envs/RETINANET/lib/python3.7/site-packages/tensorflow/
→python/framework/tensor_conversion_registry.py in_
→_default_conversion_function(***failed resolving arguments***)
        50 def _default_conversion_function(value, dtype, name, as_ref):
       51 del as_ref # Unused.
   ---> 52
            return constant_op.constant(value, dtype, name=name)
```

```
53
54
```

```
opt/anaconda3/envs/RETINANET/lib/python3.7/site-packages/tensorflow/
→python/framework/constant_op.py in constant(value, dtype, shape, name)
       263
       264
             return _constant_impl(value, dtype, shape, name, __
→verify_shape=False,
   --> 265
                                   allow_broadcast=True)
       266
       267
       opt/anaconda3/envs/RETINANET/lib/python3.7/site-packages/tensorflow/
→python/framework/constant_op.py in _constant_impl(value, dtype, shape, name, _
→verify_shape, allow_broadcast)
       274
                 with trace.Trace("tf.constant"):
       275
                   return _constant_eager_impl(ctx, value, dtype, shape,__
→verify_shape)
   --> 276
              return _constant_eager_impl(ctx, value, dtype, shape,__
→verify_shape)
       277
       278
             g = ops.get_default_graph()
       /opt/anaconda3/envs/RETINANET/lib/python3.7/site-packages/tensorflow/
→python/framework/constant_op.py in _constant_eager_impl(ctx, value, dtype, __
→shape, verify_shape)
       299 def _constant_eager_impl(ctx, value, dtype, shape, verify_shape):
             """Implementation of eager constant."""
       300
  --> 301
            t = convert_to_eager_tensor(value, ctx, dtype)
            if shape is None:
       302
       303
              return t
       /opt/anaconda3/envs/RETINANET/lib/python3.7/site-packages/tensorflow/
→python/framework/constant_op.py in convert_to_eager_tensor(value, ctx, dtype)
                 dtype = dtypes.as_dtype(dtype).as_datatype_enum
       96
        97
             ctx.ensure_initialized()
   ---> 98
             return ops.EagerTensor(value, ctx.device_name, dtype)
       99
       100
```

 ${\tt KeyboardInterrupt:}$ 

```
[46]: import PIL
                                                                    # Read pictures
      from PIL import Image, ImageOps
      from sklearn.neighbors import NearestNeighbors
      import numpy as np
      import tensorflow as tf
      physical_devices = tf.config.list_physical_devices('GPU')
      tf.config.experimental.set_memory_growth(physical_devices[0], True)
      import sklearn
      from sklearn import neighbors
      from sklearn.metrics import confusion matrix
      from sklearn.decomposition import PCA
      import matplotlib.pyplot as plt
      # median_ratio = 1.48
      # q3_x = 820
      # q3_y = 630
      # alpha = 0.2
      # szazxszep="/home/wildhorse_project/detectron_pic/FINAL_TEST/szazxszep_train.
                                      # Examined horse [take 2 horse]
      # thetisz="/home/wildhorse_project/detectron_pic/FINAL_TEST/thetisz_train.csv" u
                             # Different horse [take 1 horse]
      # panka="/home/wildhorse_project/detectron_pic/FINAL_TEST/panka_train.csv"
      {\it \# huba="/home/wildhorse\_project/detectron\_pic/FINAL\_TEST/huba\_train.csv"}
      # lilla="/home/wildhorse_project/detectron_pic/FINAL_TEST/lilla_train.csv"
      # lantos="/home/wildhorse_project/detectron_pic/FINAL_TEST/lantos_train.csv"
      # horses = [szazxszep, thetisz, panka, huba, lilla, lantos]
      # # Generate a big numpy array from the '.csv' file
      # my_data = np.empty(shape=(0,3))
      # for i in horses:
            my_data = np.concatenate((my_data,np.genfromtxt(i, dtype=str,_
      \rightarrow delimiter=',')), axis = 0)
      # train_images = read_image(my_data[:,0])
      # train_classes = np.array(my_data[:,1].astype(int))
      # res model = tf.keras.models.load model("/home/dkatona/big test lin.h5")
      \# pca = PCA(n components=2)
      # train_pred = res_model.predict(train_images, batch_size = 1)
      # train_pred = tf.linalg.normalize(train_pred, axis = 1)[0]
      # X = pca.fit_transform(train_pred)
```

```
print(X.shape)
     V = pca.components_.T
     print(V)
     plt.figure(dpi=400)
     plt.scatter(X[:, 0], X[:, 1],
                 c=train_classes, edgecolor='none', alpha=10, s=2, cmap='Set1')
     plt.savefig("/home/dkatona/knn_res/linear_pca_2880pic.png")
     plt.xlabel('component 1')
     plt.ylabel('component 2')
     plt.colorbar();
     #print(pca.explained_variance_ratio_)
    (2880, 2)
            AttributeError
                                                       Traceback (most recent call_
     →last)
            <ipython-input-46-e78b5578e06c> in <module>
             45 print(X.shape)
             46
        ---> 47 V = pca.components_.T
             48 print(V)
             49 plt.figure(dpi=400)
            AttributeError: 'PCA' object has no attribute 'components_'
[8]: import PIL
                                                                  # Read pictures
     from PIL import Image, ImageOps
     from sklearn.neighbors import NearestNeighbors
     import numpy as np
     import tensorflow as tf
     physical_devices = tf.config.list_physical_devices('GPU')
     tf.config.experimental.set_memory_growth(physical_devices[0], True)
     import sklearn
     from sklearn import neighbors
     from sklearn.metrics import confusion_matrix
     import matplotlib.pyplot as plt
     def read_image(pic_list):
```

```
# Initalize az empty list which will contain the 3 picture as array.
   apn_list = []
# Read 3 picture
   for i in pic_list:
    # Read image and get dimensions
        img = PIL.Image.open(i).convert('RGB')
                                                          # Read image
       height = np.asarray(img).shape[0]
                                                          # Get y max coord
                                                          # Get x max coord
       width = np.asarray(img).shape[1]
        current_ratio = float(width/height)
                                                           # Calculate ratio
    # Define initial new resolution (temporary)
       new_tb = height
       new lr = width
    # Calculate new size with keeping the aspect ratio
        if current_ratio < median_ratio:</pre>
            new_lr = int(median_ratio*height)
        elif current_ratio > median_ratio:
            new_tb = int(width/median_ratio)
    # Padding new image to the middle of the picture
       new_img = PIL.ImageOps.pad(img, (new_lr,new_tb), color=None,__
 \rightarrowcentering=(0.5, 0.5))
    # Using Quantile 3 to resize images with keeping the aspect ratio
       new_height = int(q3_x * new_tb / new_lr)
       new_width = int(q3_y * new_lr / new_tb)
       new_img = new_img.resize((new_width, new_height), Image.ANTIALIAS)
    # Padding the new image again to keep the q3_x and q3_y
        new_img = np.asarray(PIL.ImageOps.pad(new_img, (q3_x,q3_y), color=None,_
\rightarrowcentering=(0.5, 0.5)))/255
        apn_list.append(new_img)
    #print(np.asarray(apn_list).shape)
                                                           # Check dimensions
\hookrightarrow if necessary
   return np.asarray(apn_list)
median_ratio = 1.48
q3_x = 820
q3_y = 630
alpha = 0.2
my_data = np.genfromtxt("/home/wildhorse_project/detectron_pic/FINAL_TEST/test.
train_images = read_image(my_data[:,0])
```

```
train_classes = np.array(my_data[:,1].astype(int))
res_model = tf.keras.models.load_model("/home/dkatona/big_test.h5")
res_pred = res_model.predict(train_images, batch_size = 1)
res_pred = tf.linalg.normalize(res_pred, axis = 1)[0]
n = 5
clf = neighbors.KNeighborsClassifier(n_neighbors)
clf.fit(res pred,train classes)
val_res = clf.predict(res_pred)
print("###############################")
print("Confusional matrix:")
print(confusion_matrix(val_res, train_classes))
print("##############"")
nbrs = NearestNeighbors(n_neighbors=5).fit(res_pred)
distances, indices = nbrs.kneighbors(res_pred)
print("Train classes dimension: " + str(train_classes.shape))
print("Indices dimensions: " + str(indices.shape))
print("###############################")
result = np.column_stack((train_classes, indices))
print(result)
closest_neighbour1 = result[:,2]
closest_neighbour2 = result[:,3]
closest_neighbour3 = result[:,4]
closest_neighbour4 = result[:,5]
plt.title("Nearest Neighbor: 1")
plt.scatter(train_classes, closest_neighbour1, color='darkorange')
plt.savefig('/home/dkatona/knn_res/softmax_knn_1.png')
plt.show()
plt.title("Nearest Neighbor: 2")
plt.scatter(train_classes, closest_neighbour2, color='navy')
plt.savefig('/home/dkatona/knn res/softmax knn 2.png')
plt.show()
plt.title("Nearest Neighbor: 3")
plt.scatter(train classes, closest neighbour3, color='green')
plt.savefig('/home/dkatona/knn_res/softmax_knn_3.png')
plt.show()
plt.title("Nearest Neighbor: 4")
```

```
plt.scatter(train_classes, closest_neighbour4, color='red')
plt.savefig('/home/dkatona/knn_res/softmax_knn_4.png')
plt.show()
WARNING:tensorflow:No training configuration found in the save file, so the
model was *not* compiled. Compile it manually.
Confusional matrix:
[[10 0 0 0 0 0]
```

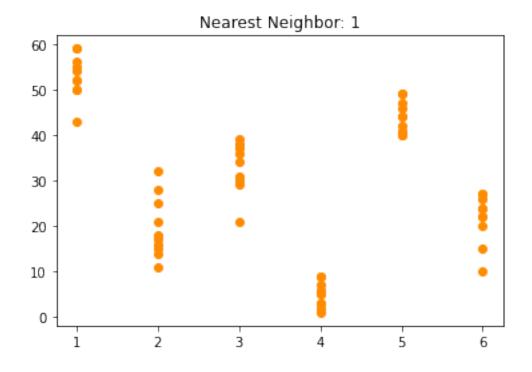
[ 0 4 2] 1 [ 0 2 9 0 0] [ 0 0 0 10 0 1] [ 0 0 0 0 10 0]  $[0 \ 4 \ 0 \ 0]$ 0 7]]

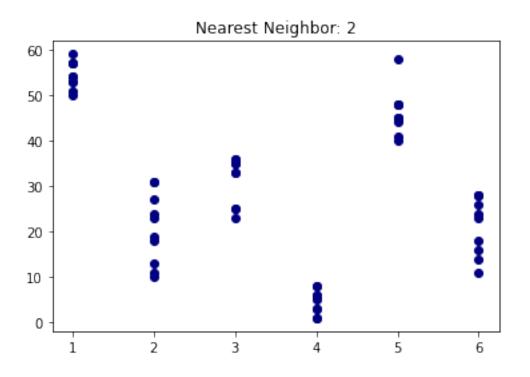
Train classes dimension: (60,) Indices dimensions: (60, 5)

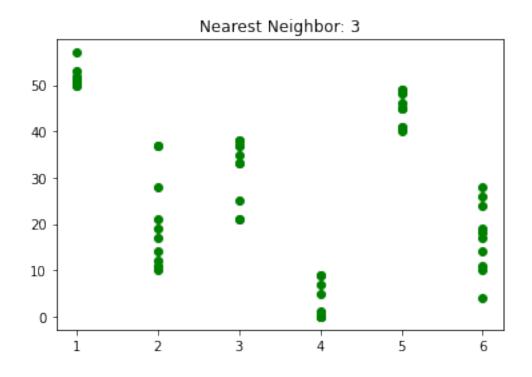
## 

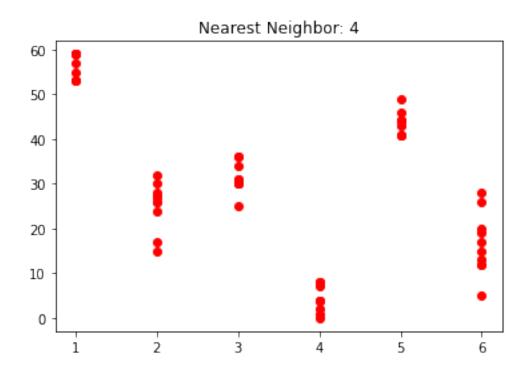
[ 2 28 11 27 10 17] [ 2 29 32 23 21 15]

- [ 3 30 37 33 25 31]
- [ 3 31 21 25 37 30]
- [ 3 32 29 23 21 31]
- [ 3 33 30 36 37 25]
- [ 3 34 39 35 38 36]
- [ 3 35 38 36 33 34]
- [ 3 36 38 33 35 30]
- [ 3 37 31 25 21 30]
- [ 3 38 36 35 33 30]
- [ 3 39 34 35 38 36]
- [ 5 40 44 45 46 41]
- [ 5 41 49 45 48 44]
- [ 5 42 47 48 49 41]
- [ 5 43 46 58 40 44]
- [ 5 44 40 45 41 46]
- [ 5 45 44 40 41 49]
- [ 5 46 40 44 45 43]
- [ 5 47 42 48 49 41]
- [ 5 48 49 41 45 44]
- [ 5 49 41 48 45 44]
- [ 1 50 59 57 51 53]
- [ 1 51 59 50 53 57]
- [ 1 52 54 53 51 59] [ 1 53 52 54 51 59]
- [ 1 54 52 53 51 59] [ 1 55 56 57 50 59]
- [ 1 56 55 57 50 59]
- [ 1 57 50 59 51 55]
- [ 1 58 43 54 52 53]
- [ 1 59 50 51 57 53]]









```
[19]: import PIL
                                                                     # Read pictures
      from PIL import Image, ImageOps
      from sklearn.neighbors import NearestNeighbors
      import numpy as np
      import tensorflow as tf
      physical_devices = tf.config.list_physical_devices('GPU')
      tf.config.experimental.set_memory_growth(physical_devices[0], True)
      import sklearn
      from sklearn import neighbors
      from sklearn.metrics import confusion matrix
      import matplotlib.pyplot as plt
      # def read_image(pic_list):
      # # Initalize az empty list which will contain the 3 picture as array.
            apn_list = []
      # # Read 3 picture
            for i in pic_list:
      #
            # Read image and get dimensions
      #
                imq = PIL.Image.open(i).convert('RGB')
                                                                      # Read image
      #
                height = np.asarray(imq).shape[0]
                                                                      # Get y max coord
      #
                width = np.asarray(imq).shape[1]
                                                                      # Get x max coord
      #
                current_ratio = float(width/height)
                                                                      # Calculate ratio
            # Define initial new resolution (temporary)
      #
      #
                new tb = height
      #
                new lr = width
            # Calculate new size with keeping the aspect ratio
                if current_ratio < median_ratio:</pre>
      #
      #
                     new_lr = int(median_ratio*height)
      #
                 elif current_ratio > median_ratio:
      #
                     new_tb = int(width/median_ratio)
      #
            # Padding new image to the middle of the picture
                new_imq = PIL.ImageOps.pad(imq, (new_lr,new_tb), color=None,_
       \rightarrow centering=(0.5, 0.5))
            # Using Quantile 3 to resize images with keeping the aspect ratio
      #
                new_height = int(q3_x * new_tb / new_lr)
                new\_width = int(q3\_y * new\_lr / new\_tb)
                new_img = new_img.resize((new_width, new_height), Image.ANTIALIAS)
      #
            # Padding the new image again to keep the q3_x and q3_y
                new\_imq = np.asarray(PIL.ImageOps.pad(new\_imq, (q3\_x, q3\_y), ___)
       \rightarrow color=None, centering=(0.5, 0.5)))/255
                apn_list.append(new_img)
```

```
# Check
             #print(np.asarray(apn_list).shape)
 → dimensions if necessary
             return np.asarray(apn list)
# median ratio = 1.48
# q3 x = 820
# q3_y = 630
# alpha = 0.2
# szazxszep="/home/wildhorse project/detectron pic/FINAL TEST/szazxszep train.
                                                                    # Examined horse [take 2 horse]
# thetisz="/home/wildhorse_project/detectron_pic/FINAL_TEST/thetisz_train.csv" _
                                                # Different horse [take 1 horse]
# panka="/home/wildhorse_project/detectron_pic/FINAL_TEST/panka_train.csv"
# huba="/home/wildhorse project/detectron pic/FINAL TEST/huba train.csv"
# lilla="/home/wildhorse_project/detectron_pic/FINAL_TEST/lilla_train.csv"
# lantos="/home/wildhorse project/detectron pic/FINAL TEST/lantos train.csv"
# horses = [szazxszep,thetisz,panka,huba,lilla,lantos]
# szazxszep_plus_val="/home/wildhorse_project/detectron_pic/FINAL_TEST/
 →plus val szazxszep.csv"
                                                                                                             # Examined horse [take 2]
 \rightarrow horsel
# thetisz_plus_val="/home/wildhorse_project/detectron_pic/FINAL_TEST/
 \rightarrow plus_val_thetisz.csv"
                                                                                                  # Different horse [take 1 horse]
# panka_plus_val="/home/wildhorse_project/detectron_pic/FINAL_TEST/
 →plus val panka.csv"
\# huba\_plus\_val="/home/wildhorse\_project/detectron\_pic/FINAL\_TEST/plus\_val\_huba.
# lilla_plus_val="/home/wildhorse_project/detectron_pic/FINAL_TEST/
 \rightarrow plus_val_lilla.csv''
# lantos_plus_val="/home/wildhorse_project/detectron_pic/FINAL_TEST/
 →plus val lantos.csv"
# val_plus_horses =_
 \rightarrow [szazxszep_plus_val, thetisz_plus_val, panka_plus_val, huba_plus_val, lilla_plus_val, lantos_plus_val, 
# # Generate a big numpy array from the '.csv' file
# my_data = np.empty(shape=(0,3))
# for i in horses:
          my data = np.concatenate((my data,np.genfromtxt(i, dtype=str,
\rightarrow delimiter=',')), axis = 0)
# # Generate a big numpy array from the '.csv' file
# val plus data = np.empty(shape=(0,3))
```

```
# for i in val_plus_horses:
    val_plus_data = np.concatenate((val_plus_data,np.genfromtxt(i, dtype=str,_
\rightarrow delimiter=',')), axis = 0)
# train_images = read_image(my_data[:,0])
# train classes = np.array(my data[:,1].astype(int))
# plus images = read image(val plus data[:,0])
# val_plus_classes = np.array(val_plus_data[:,1].astype(int))
# res_model = tf.keras.models.load_model("/home/dkatona/big_test.h5")
# res_pred_data = res_model.predict(train_images, batch_size = 1)
# res_pred_data = tf.linalq.normalize(res_pred_data, axis = 1)[0]
# res_pred_plus = res_model.predict(plus_images, batch_size = 1)
# res_pred_plus = tf.linalg.normalize(res_pred_plus, axis = 1)[0]
nbrs = NearestNeighbors(n_neighbors=2).fit(res_pred_data)
distances, indices = nbrs.kneighbors(res_pred_plus)
# #result = np.column stack((train classes, indices))
for i in range(len(val_plus_data)):
   j = indices[i,0]
   k = indices[i,1]
   print("Image class: " + str(val_plus_classes[i]) + " Detected class_
⇒knn1: " + str(train_classes[j]) + " Detected class knn2: " + ⊔

→str(train_classes[k]) + "
                                  Distance knn1: " + str(distances[i]))
   fig, ax = plt.subplots(nrows=1, ncols=3)
   ax[0].imshow(plus_images[i])
   ax[1].imshow(train_images[j])
   ax[2].imshow(train_images[k])
   plt.show()
```

Image class: 1 Detected class knn1: 3 Detected class knn2: 3
Distance knn1: [0.04660379 0.05336401]

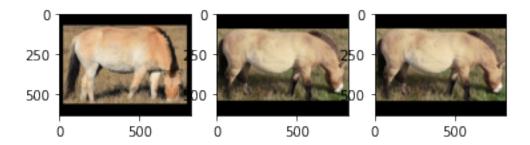
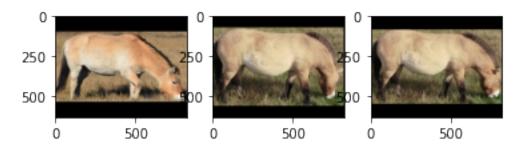


Image class: 1 Detected class knn1: 3 Detected class knn2: 3

Distance knn1: [0.04892671 0.0512625 ]



Distance knn1: [0.00350419 0.01470682]

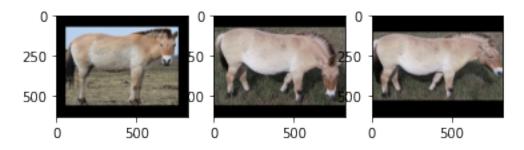


Image class: 1 Detected class knn1: 3 Detected class knn2: 3
Distance knn1: [0.01470314 0.0174282 ]

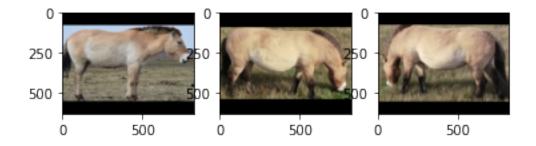


Image class: 1 Detected class knn1: 1 Detected class knn2: 1

Distance knn1: [0.00043615 0.00043778]

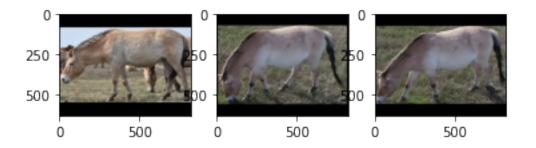


Image class: 1 Detected class knn1: 1 Detected class knn2: 1

Distance knn1: [0.00025436 0.00025685]

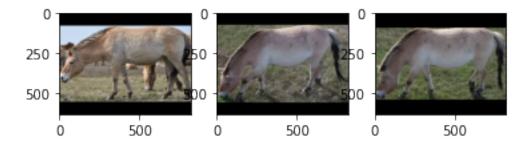
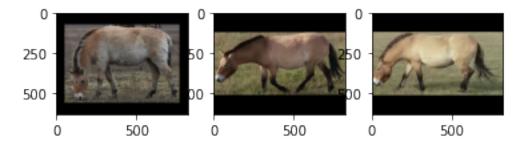


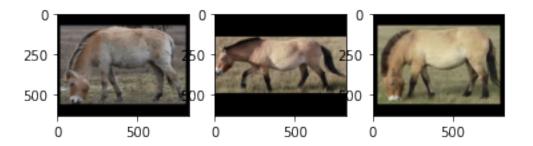
Image class: 1 Detected class knn1: 3 Detected class knn2: 3

Distance knn1: [0.00122747 0.0035686]



Detected class knn1: 3 Image class: 1

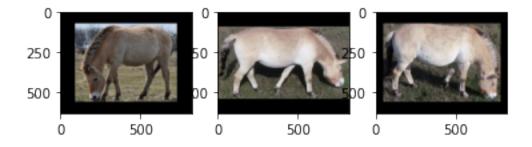
Detected class knn2: 3 Distance knn1: [0.00079657 0.00218398]



Detected class knn2: 1

250 -500 -500 -500 0 500 0 500

Detected class knn2: 1



Detected class knn2: 1

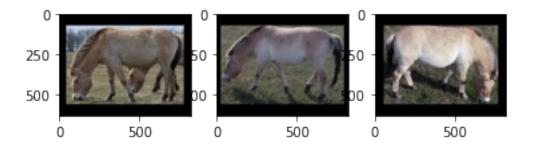


Image class: 1 Detected class knn1: 1 Detected class knn2: 1

Distance knn1: [0.00052444 0.00070466]

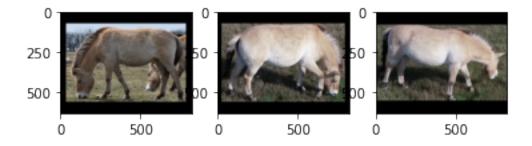
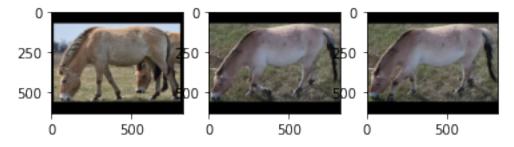


Image class: 1 Detected class knn1: 1

Detected class knn2: 1

Distance knn1: [5.9800932e-05 7.2031304e-05]



Detected class knn1: 3 Detected class knn2: 3 Image class: 2

Distance knn1: [0.00068534 0.0015558 ]

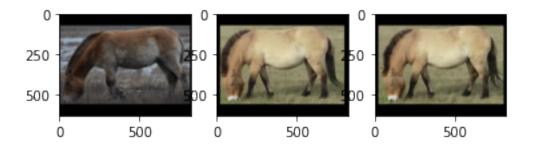


Image class: 2
Detected class knn1: 5

Detected class knn2: 5

Distance knn1: [0.00348955 0.00351215]

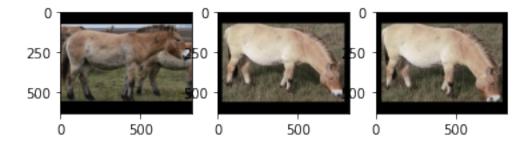


Image class: 2
Detected class knn1: 5

Detected class knn2: 5

Distance knn1: [0.00349244 0.01325475]

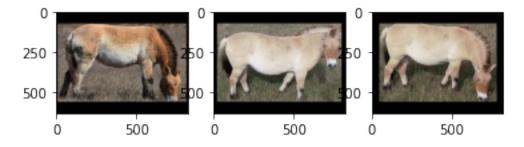


Image class: 2 Detected class knn1: 5 Detected class knn2: 5

Distance knn1: [0.00421932 0.00448954]

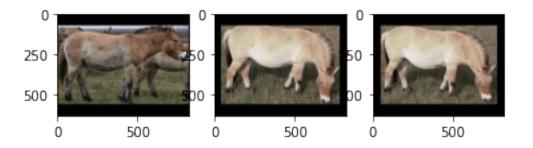


Image class: 2 Detected class knn1: 3 Detected class knn2: 3

Distance knn1: [0.00238618 0.00254364]

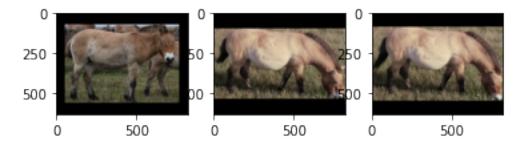
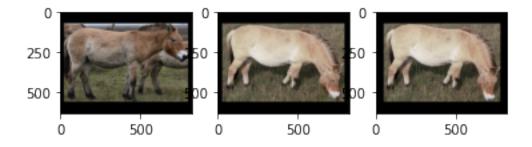


Image class: 2 Detected class knn1: 5 Detected class knn2: 5
Distance knn1: [0.00102413 0.00511129]



Distance knn1: [0.02250879 0.02568402]

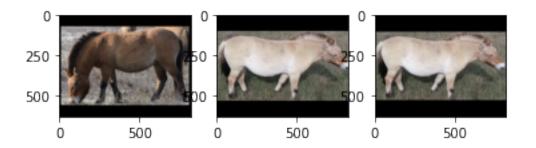


Image class: 3
Detected class knn1: 3

Detected class knn2: 5

Distance knn1: [0.04376553 0.04436654]

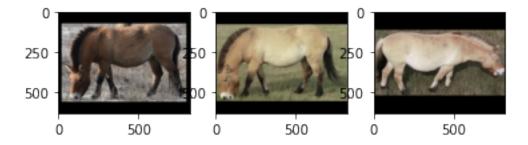


Image class: 3 Detected class knn1: 5

Detected class knn2: 5

Distance knn1: [0.01181745 0.01476258]

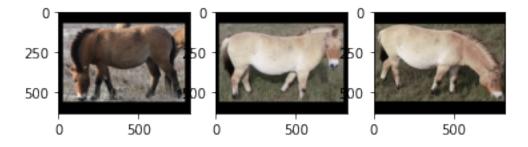


Image class: 3
Detected class knn1: 1

Detected class knn2: 5

Distance knn1: [0.00262089 0.00353407]

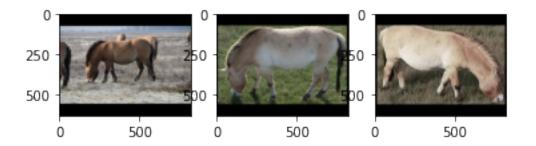


Image class: 3
Detected class knn1: 5

Detected class knn2: 5

Distance knn1: [0.02462571 0.03406675]

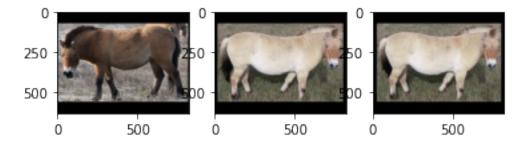


Image class: 3
Detected class knn1: 3

Detected class knn2: 3

Detected class knn2: 3

Distance knn1: [0.00655301 0.01129056]

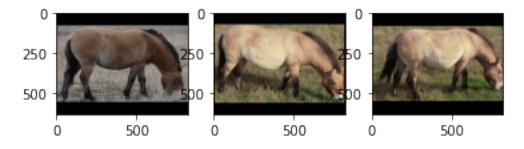


Image class: 4 Detected class knn1: 3

Distance knn1: [0.00330399 0.00485408]

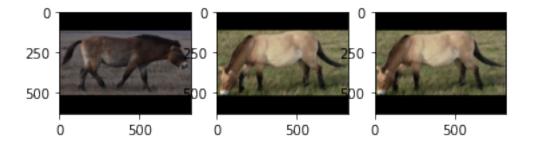
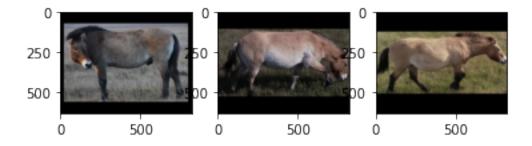


Image class: 4 Detected class knn1: 2

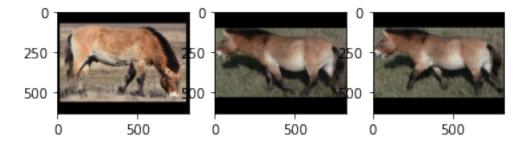
Detected class knn2: 3

Distance knn1: [0.00215728 0.00315484]



 Detected class knn2: 4

Distance knn1: [0.04822053 0.04992306]



 Detected class knn2: 3

Distance knn1: [0.00673421 0.00835506]

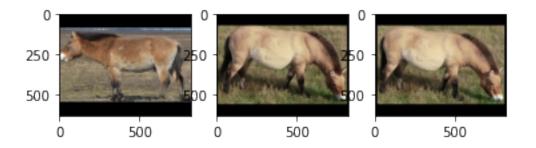


Image class: 5 Detected class knn1: 5

Detected class knn2: 5

Distance knn1: [0.0084412 0.00870449]

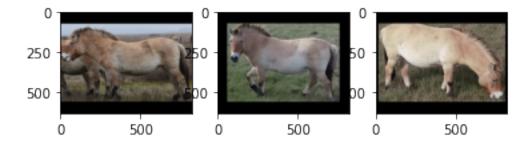


Image class: 5
Detected class knn1: 5

Detected class knn2: 5

Distance knn1: [0.00150166 0.00311903]

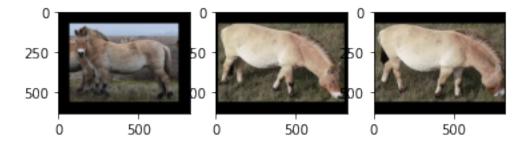


Image class: 5
Detected class knn1: 5
Detected class knn2: 5

Distance knn1: [0.00105048 0.00668148]

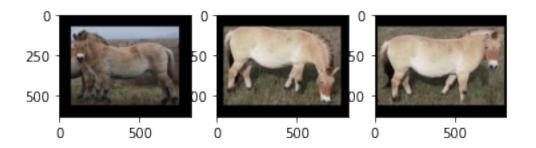


Image class: 5
Detected class knn1: 5

Detected class knn2: 5

Distance knn1: [0.00756264 0.00906359]

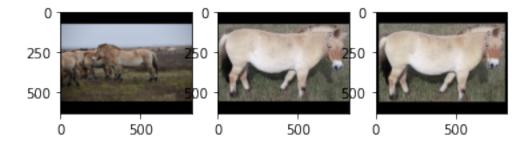
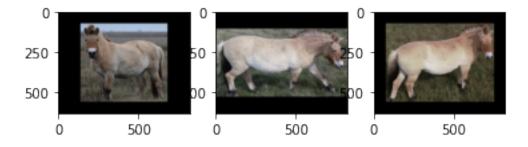


Image class: 5
Detected class knn1: 5

Detected class knn2: 5

Distance knn1: [0.00241489 0.00305401]



Distance knn1: [0.00629343 0.00677513]

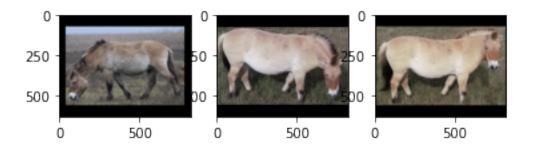


Image class: 6
Detected class knn1: 5

Detected class knn2: 5

Distance knn1: [0.0021507 0.00216575]

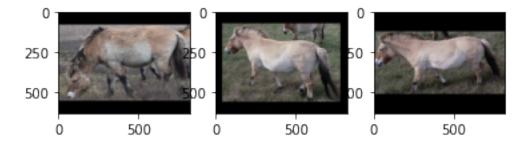


Image class: 6
Detected class knn1: 3

Detected class knn2: 3

Distance knn1: [0.00303195 0.00375846]

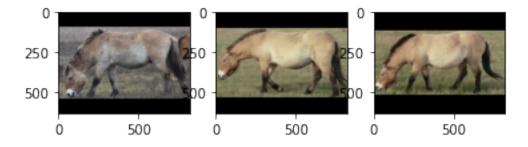
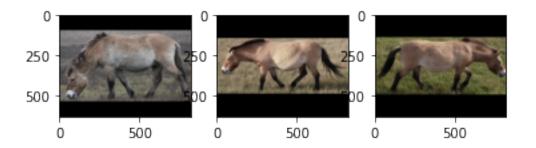


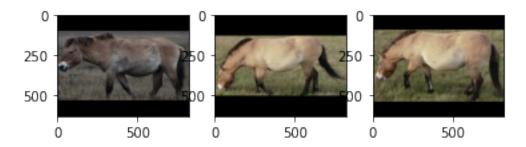
Image class: 6 Detected class knn1: 3 Detected class knn2: 3

Distance knn1: [0.00471931 0.00533119]



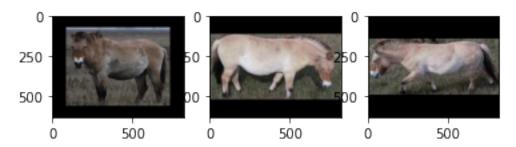
 Detected class knn2: 3

Distance knn1: [0.00731913 0.01081474]



 Detected class knn2: 5

Distance knn1: [0.00214962 0.00290414]



[25]:

[26]:

[1 2 1 2 3 1 2 3] [[1 2] [1 2] [3 4]]

[]: