Pickle dumps of CustomDataSet by default on CUDA device.

Files generated using this code on “Vaste-PC-Yarrik”:

root = os.path.expanduser("~")

root = os.path.join(root, "thesis", "dataset\_L=")

for L in np.linspace(8, 64, 8, dtype=int):

f = root + str(L)

def returnDevice(): return "cuda" if torch.cuda.is\_available() else "cpu"

torch.cuda.is\_available = lambda: True

with open(f, "rb") as file:

data = pickle.load(file)

torch.cuda.is\_available = lambda: False

newf = f + "\_" + returnDevice()

data.device = returnDevice()

data.configs = data.configs.to(returnDevice())

data.Ts = data.Ts.to(returnDevice())

data.labels = data.labels.to(returnDevice())

with open(newf, "wb") as file:

pickle.dump(data, file)