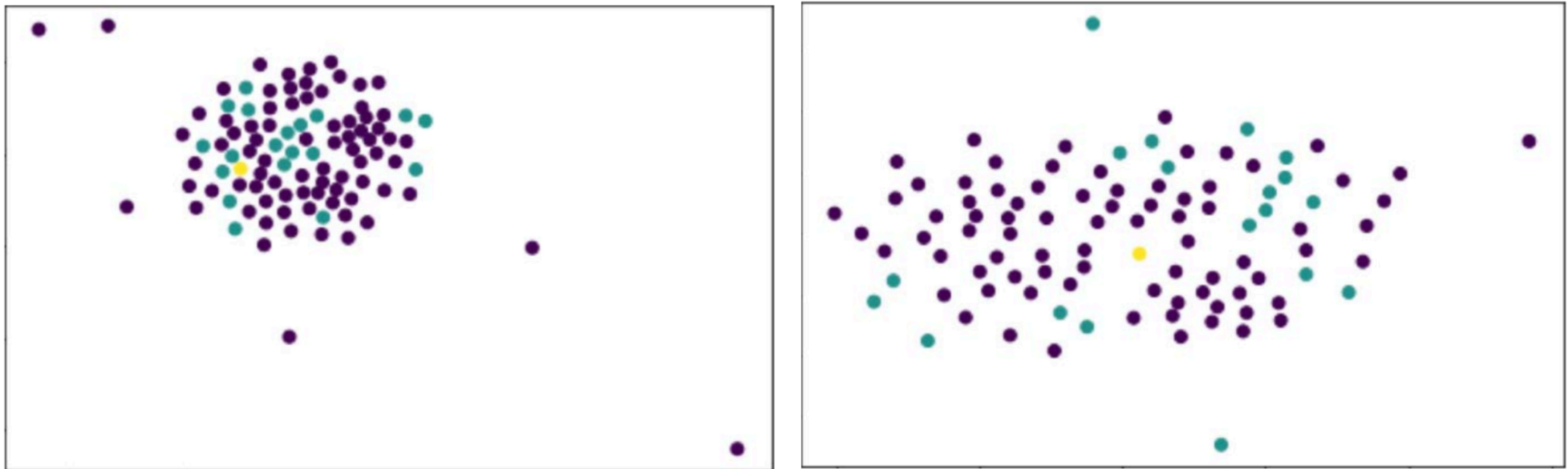
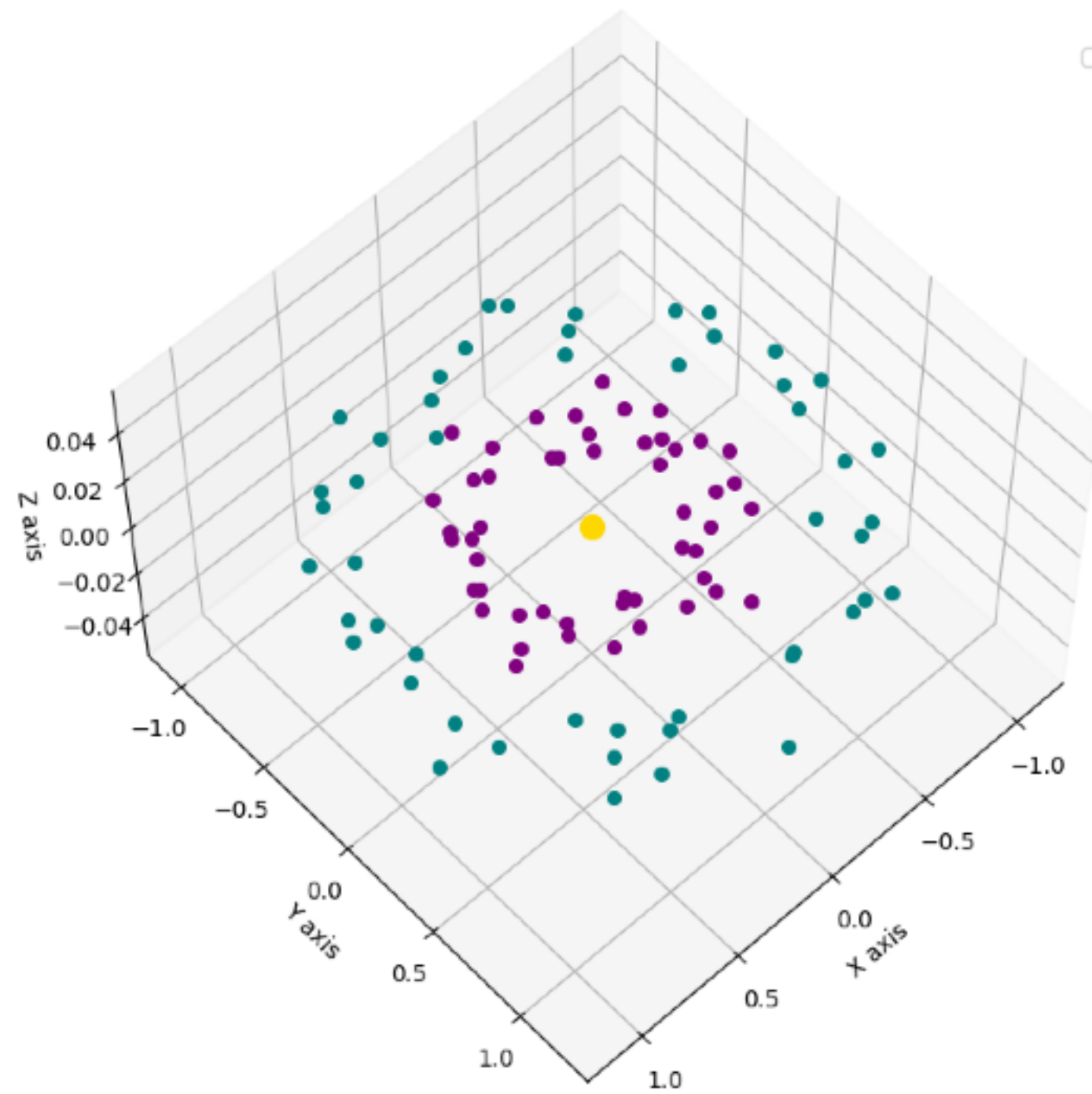


Non-linearity problem

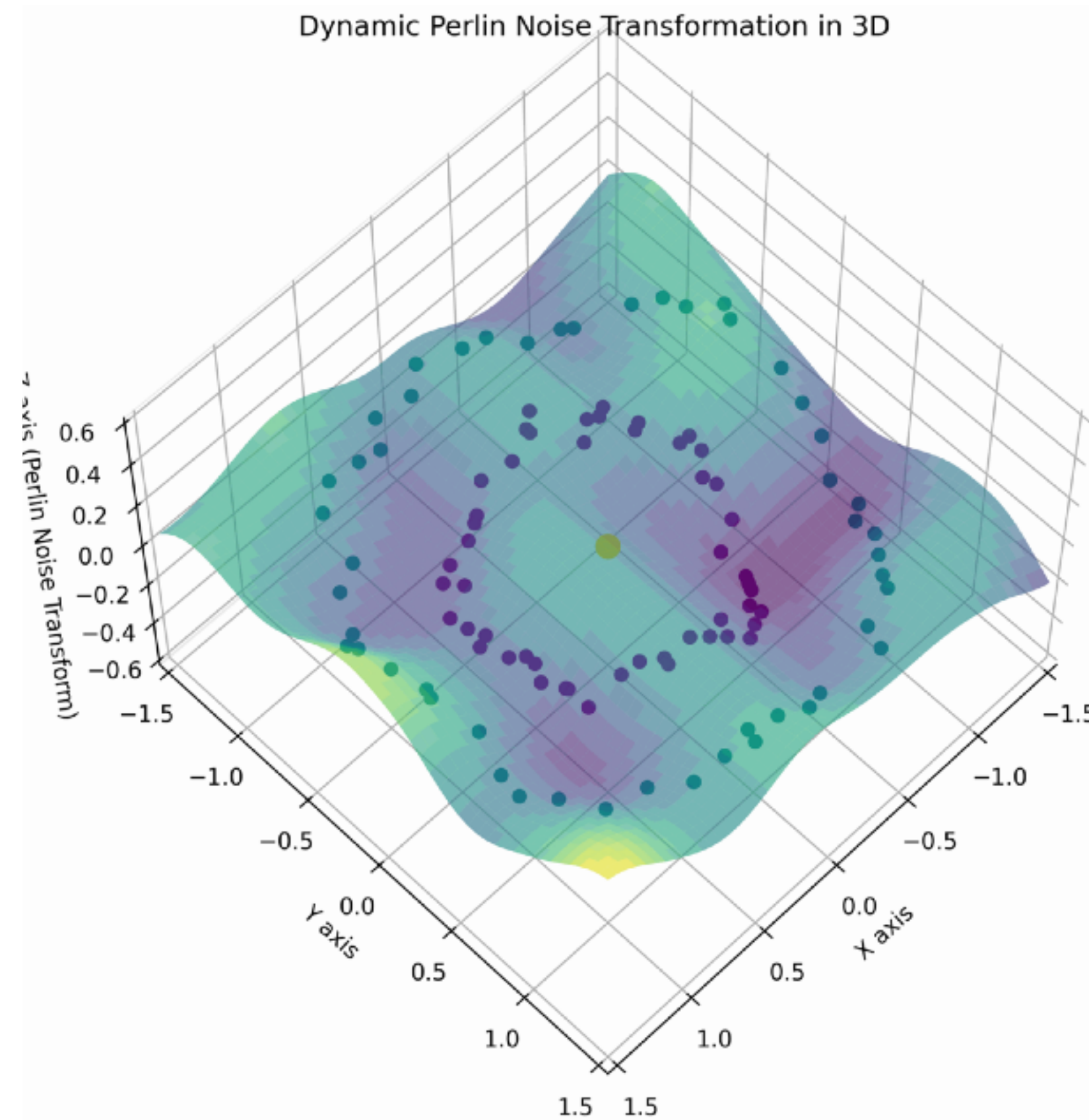


Actual image embeddings from the omniglot dataset visualized in 2D using PCA. Yellow and teal dots are of matching classes

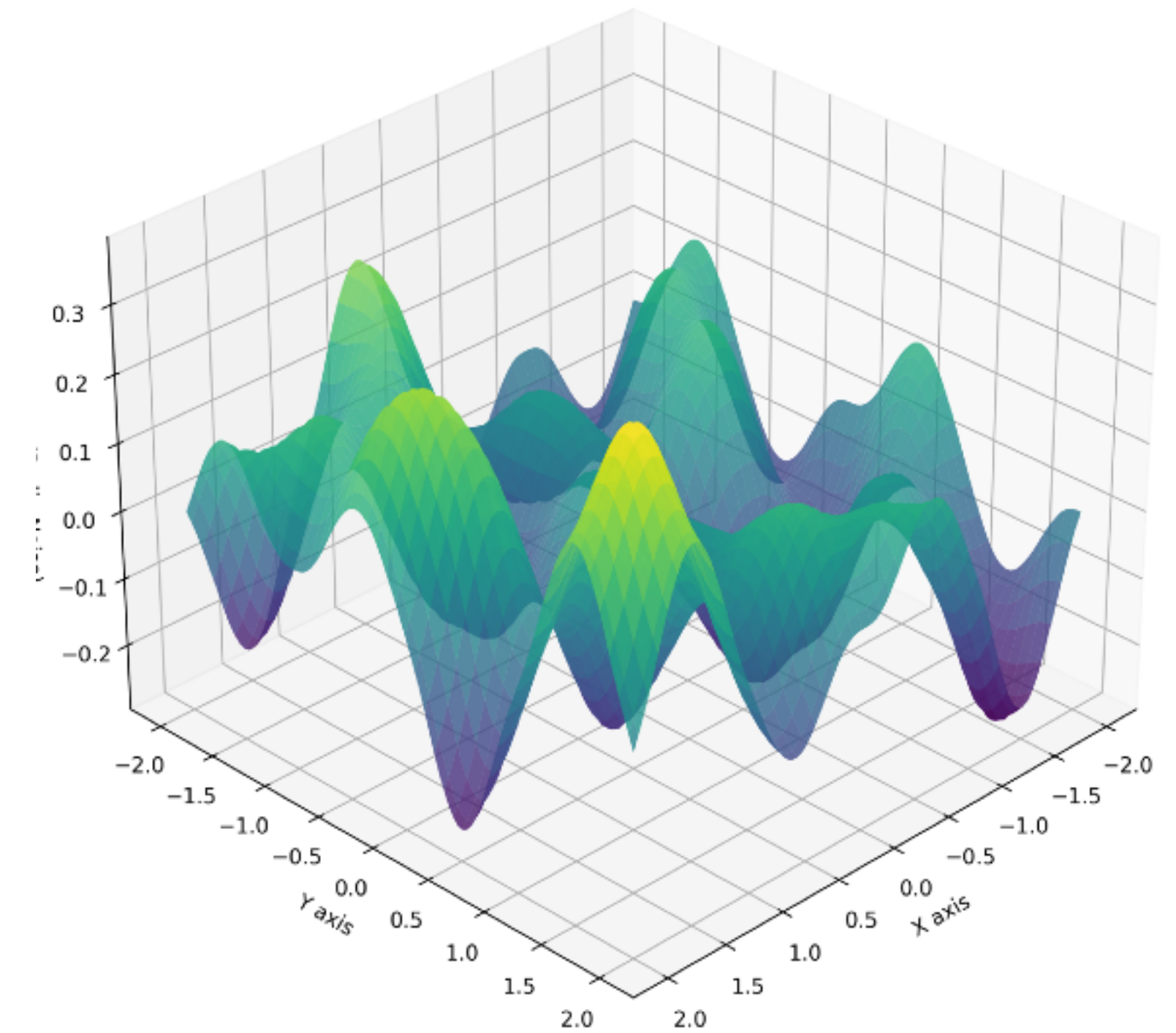
How to solve the non-linearity problem?



Example episode where class embeddings are not linearly separable



Searching for a non-linear transformation of the embedding space that allows linear separability



Non-linear of the embedding space that performs good across **all episodes**