**Algorithm KNeighbors Classifier:**

**Input**: training examples where is a feature space of features and – element of list of classes

– number of the closest examples we want to use in the algorithm

– an unclassified instance in - feature space

**Output**: class of

**set**

**for** each in find Euclidean distance:

**sort** by

**for** j in range(k):

**find** the most repeted class in

**if** there is one

assign class to

**else**:

do voting: *)*

where - number of known class entries for which votes are calculated,

– voting value