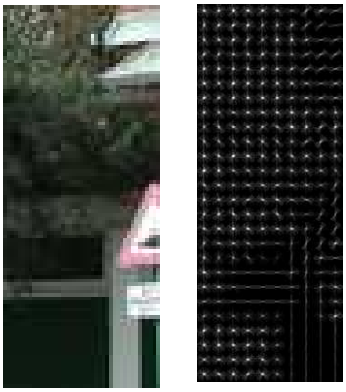
1 Persons recognition

1.1 Problem and dataset descriptions

During the project, we were first given a set images and labels indicating if there is a person. We also were given features extracted from the images and we are supposed to analyze and learn our algorithms only on those extracted features (not on images). Then, a week before the deadline, we were given a test set of features for which we should give our predictions. (Following discussions refer to the train set of features).

Our set contains 8545 images and labels, and for every image 9360 features in a form of a $26 \times 10 \times 36$ cube.



(a) picture (b) features

Figure 1: Picture No 200 and features extracted form it, using Piotr's toolbox (http://vision.ucsd.edu/ pdollar/toolbox/doc/index.html)