

A novel strategy for car label recognition use

Abstract—In this paper, we present a novel strategy for car label recognition use. It utilizes Hopfield feedback neural network, which is capable to store information by weight of neuron connections. Compare to state-of-art method SVM, our method is simple and smart, as we do not command much effort for designing the structure of network, and we do not need many tagged labels for training use. We fully implemented the system and do extensive experiment on a test data set, the results show our system achieves a nice recognition rate and is capable to be applied to car label recognition.