The Superpixel Superhighway: Machine Learning Approaches to Road Classification

Anonymous Author(s)
Affiliation
Address
email

Abstract

In this paper, we show how to solve robotics using machine learning.

1 Introduction

1.1 Related Work

2 Dataset

2.1 Kitti

2.2 Superpixel Segmentation

2.3 Feature Selection

3 Algorithms

3.1 k Nearest Neighbors

3.2 Support Vector Machines

3.3 Neural Network

4 Results

5 Discussion

References

[1] R. Achanta, A. Shaji, K. Smith, A. Lucchi, P. Fua, & S. Ssstrunk, (2012) SLIC Superpixels Compared to State-of-the-art Superpixel Methods. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **34**(11):2274-2282.