
The Superpixel Superhighway: Machine Learning Approaches to Road Classification

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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