

Traffic sign recognition using CNN in Deep Learning

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Abstract: In the context of increasingly prioritized traffic safety, developing an effective traffic sign recognition system is necessary. This topic focuses on researching and applying deep neural networks (Deep Learning) to improve accuracy in traffic sign recognition. Using deep learning methods, particularly CNN, the topic will simulate and experiment on a large dataset to build an effective classification system. The expected results of this research not only contribute to enhancing traffic safety but also play an important role in developing AI technology to serve society.

Keywords: Deep Learning, CNN, Traffic sign recognition, Traffic safety, AI technology