

Research on some image segmentation methods and application to flower image segmentation

Nguyen Thi Thu

Abstract: This topic focuses on researching image segmentation methods, with the aim of improving the performance of flower image segmentation through a combination of theory and experimentation. We will examine both traditional methods such as edge-based segmentation and modern machine learning-based approaches to find the optimal solution for this problem. The expected research results will contribute to the development of image processing technology, while also supporting more accurate flower classification in various practical applications.

Keywords: image segmentation, machine learning, flower