Abstract

The increase in vehicle volume causes the parking quota in a parking space to decrease and decreases in the parking space slot which causes difficulty for visitors to find a parking space slot, which will make time in searching for a parking space wasted. Researchers will use the Gamma Correction, Gaussian Blur, Uniform Rotation Local Binary Pattern and Support Vector Machine method using parameters Gaussian Blur using without kernel, Gamma Correction using gamma value = 15, Local Binary Pattern Rotation Invariant uniform parameters P = 8 and R = 1 and RBF kernel Vector Support Engine with accuracy 99.52%% better than journals [3] with the method LPQ^u accuracy 98.90% and LBP^{riu2} with an accuracy of 82.78% .

Keywords: *Local Binary Pattern Rotation Invariant Uniform, Support Vector Machine, Gaussian Blur*