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"Utilização de Técnicas de Processamento de Imagem para o Reconhecimento de Placas de Veículos"

Nowadays we can see that the capacity of the computers is increasing very fast. It makes a reality the use of the applications that needs a certain capacity of processing and storage. Imaging processing is a task that needs a lot of capacity from the computers. With the fast development of these technologies in this area it is possible to process images in a reasonable time. The main objective of this work is the use of image processing techniques and pattern recognition to solve the practical problem of recognize car licenses. We can see that electronic mechanism to apply a car ticket is more frequently used. But in many cases this type of mechanism does not use any system to recognize the characters on the car license. We also can see that the usage of the automatic mechanism to control the parking is more common. But this mechanism that controls the parking does not have any kind of system for car recognition. In this work we show that the usage of some image processing techniques and the pattern recognition make it possible to get results 100% corrects in this practical application.