

**ANALISIS PENGGABUNGAN *KNOWLEDGE ACQUISITION* PROSES
HAARTRAINING UNTUK DETEKSI OBYEK
PADA METODE VIOLA JONES**

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ABSTRACT

The training process requires very high computer resources and time which is directly proportional to the amount of training data. The amount of training data determines the accuracy of object detection. The long training process is caused because the computer has low specifications and the distribution of training files will speed up the process of vector file formation, minimize errors when cutting Haar features on positive objects and also minimize errors that occur during the training process. The problems that arise next are how to overcome this so that a better knowledge is obtained. This study provides suggestions and analysis results of the process of merging knowledge acquisition and its effect on the accuracy of object detection using the Viola-Jones method with the final result an error rate of 23,689% and an object detected rate of 65,584%. Viola Jones method uses the file classifier obtained from the training process.

Keywords: Knowledge Acquisition, Training, Object Detection, Viola-Jones