

## Jumlah Transisi pada Ciri Transisi dalam Pengenalan Pola Tulisan Tangan Aksara Jawa Nglegeno dengan Multiclass Support Vector Machines

<b>Title</b>	Jumlah Transisi pada Ciri Transisi dalam Pengenalan Pola Tulisan Tangan Aksara Jawa Nglegeno dengan Multiclass Support Vector Machines
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<b>Abstract</b>	Feature extraction is one of the most important step on characters recognition system. Transition features is one from many features used on characters recognition system. This paper report a research on handwritten basic Jawanese characters recognition system to found the proper numbers of transitions used on transition features. To recognize the characters, the Multiclass Support Vector Machines were used. The Directed Acyclic Graph (DAG) SVM were used for multiclass classification strategy and to map each input vector to a higher dimension space, the Gaussian Radial Basis Function (RBF) kernel with parameter 1 were used. It can be shown, for basic Jawanese characters recognition system, the optimal numbers of transitions used for transition features is 4 (a half of maximum numbers of transition on all patterns).
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