











## 7. Conclusions

ICA has been an efficient tool for feature extraction. A new method the improved WICA is proposed in this study and the effectiveness of this method is demonstrated by applying it to EEG signals. Actually, it successfully extracted the mu rhythm which is hidden in the original signals. We can extract other useful information using this method effectively. The work we have done in this paper plays an important role for the next feature classification in the BCI.

## 8. References

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