Title: Customized Hand Gesture of Myo Armband Using Electromyography

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ABSTRACT

Innovation in Human-Computer interaction expands through various resources. Electromyography is now a new method in Human-Computer Interaction. Through reading patterns in muscle activity. This method has been materialized by Thalmic Labs. Thalmic Labs is a technological start-up company that is about to release the MYO. The MYO is an armband remote control, which can interface with almost anything, with Bluetooth technology. It can control vehicles, models, computers, video games etc. The study aims to customized gesture of Myo armband using electromyography that can use in controlling applications such as presentations and media players. The study also aims to expand the capabilities of the technology through which it would open up a new perspective in Human-Computer interaction.