

# Evaluation of Phantom Finger Sensation Evoked by Electrical Stimulation for Transradial Amputee: A Case Study

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- The non-invasive Electrical Nerve Stimulation (TENS) is used to reestablish the sensory function for a limb amputee
- An approach based on electroencephalogram (EEG) is proposed to evaluate the evoked somatosensory information
- Somatosensory information evoked at different positions of the stump could be distinguished by characteristics of Event-Related Potential (ERP)

