PEER REVIEW MEMO

TO: CECELIA MUSSELMAN
FROM: NATHAN HUNT
SUBJECT: PROJECT 2 PEER REVIEW
DATE: FEBRUARY 28, 2016
CC: MARVIN MORISSET

Summary: The paper covers the basics of gathering neural information from a brain and converting the signals to useful data that a computer can use. The author mentions how there are two main methods for doing this: skin-surface electrodes and invasive brain surgery. Although both work well, the invasive surgery is much more effective, albeit dangerous and *invasive*.

Major Points: The paper does a good job describing the different processes of how to gather brain signals, but other than that it offers little information on how to use those signals or what was the purpose of gathering them in the first place. The paper alludes to the computer processes, but does not go into detail on how they work or what the final outcome is. I'm assuming that using brain signals to control mechanical limbs is a common use, but what else can be done with this technology? Is anything currently being done?

The paper could benefit from delving deeper into the process, explaining why the process works that way and what the implications are. I feel as though the the paper covers only the 'B' in *BCI*. Also, it seems as though the introduction, abstract, and conclusion are very similarly written, that is to say they cover the same information in the same way.

Overall, the paper does a good job covering the various ways to access the brain, but does little to uncover why we do it. Maybe some figures or images could better illustrate the ideas the author is trying to convey.

Minor Points: Prof. Musselman gave us a format to use, but I'm not sure if we are strictly expected to use it. If not, the formatting on this paper seems fine. There are a few grammar mistakes and places when there are a few too many prepositions back to back, but other than that, it all looks good. I also get the feeling that not every source is being used, or at least not referenced.