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|  | Neural Network |

Memo

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| To: | Dr. Song |
| From: | Joseph Doherty, Robert Fendricks, Ian Kowalski |
| cc: |  |
| Date: | March 24, 2014 |
| Re: | Week 2 Progress Report |
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**Summary of Last Meeting**

* Met with Dr. Song for the first time to discuss expectations and requirements
* Received feedback for IPROP proposal
* Went to IPROP launch meeting

**Current Status**

* We are still researching and discussing an adequate implementation. (IK)
* Writing code for software implementation (RF)
* Continuing research on floating point arithmetic and implementations (JD)

**Work Done**

* We have written a response to the IPROP review committee addressing their concerns. We are having Dr. Song review this. (ALL)
* Designed a high-level model of our system to be implemented on an FPGA (ALL)
* Made initial progress in researching potential activation functions, floating point algebra, and looked into past implementations of ANNs on FPGAs. (ALL)

**Current Objectives**

* Begin work on hidden units
* Finalize software neural network
* Decide on FPGA implementation
* Update Gant chart to include new objectives (communication with PC)