

Deep Learning Study Plan

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Current Status

- Research individually, report together.
 - Not all members are researching.
 - Non of us are studying.
 - This is not a 'study group'!

Proposal

- I propose to separate the study into 2 sessions
 - Study session
 - 1~3 instructors prepare study session before study.
 - Instructors give presentation about what they've studied for a week.
 - Research session
 - Researchers report how their work is going.
 - Just as we are doing now.

Study Session

- Decide instructors for next week study.
- Instructors study deep learning.
- Next week, instructors make a presentation in 10~30 mins.

Study Session - Topic

- Andrew Ng's Coursera Deep Learning Course
 - <https://www.edwith.org/deeplearningai1>
 - Introduction to DL, how to build/develop/test/apply DL practically, what is CNN, ...
- CS231N 'Convolutional Neural Networks for Visual Recognition'
 - <http://cs231n.stanford.edu/>
 - Stanford Lecture. Difficult but qualified.
- Paper reading
 - Read DL papers about specific topics, such as dropout, batch normalization, pruning, quantization, DL in physics, ...

To Decide

- Fixed vs rotation
- How many instructors?