

How to read the paper document

You need to find

1. **Main Points:** Read Abstract and summarize to be a 10-words sentences. (Subject verb object)
2. Find the **support details** in paper. If you are lucky, you can find some key words of support details in Abstract.
 - What is the **problems** in this paper? (Slow, low accuracy, not efficient, etc.)
 - How **importance of the problems**? (Inconvenience, not good to use in real life, etc.)
 - History or **previous work** (old algorithm, old solution)
 - **What's new** in this paper? (New algorithm, new process, new step)
 - **Experimental** result (Won the challenge, % accuracy, time processing)

Mostly **papers** have followed the **steps** like:

1. **Abstract:** Overall summary
2. **Introduction:** The inspiration. Sometime have the problems and importance of problems
3. **History:** old works, and how bad of old work (You can find the problems in here too.)
4. **Process:** New process, new algorithm
5. **Result**
6. **Conclusion**
7. Future works.

Hint for AlexNet paper:

- What is ImageNet and what is LSVRC
- What is activation function which they use? And why they use?
- How to reduce overfitting?
- AlexNet Structure

Example of “**Going Deeper With Convolutions**”

hierarchy of concepts

