

TECHNIQUES TO FIND INFORMATION

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WEB RESOURCES

Simply typing what you have in mind and search

It can return good quality information such as you tube video, course notes, useful pointers to papers, animation, useful images, explanation in other languages and comments from others.

Wikipedia is a free online dictionary that is useful for getting an overview of a technique.

http://en.wikipedia.org/wiki/Main_Page

- If you wish to start learning a new topic, reading the Wikipedia is a good idea.

Google Scholar

<http://scholar.google.com.tw/>

- A useful feature is the links to papers that have cited the work. One can find very up to date information this way.
- If you set up a profile and specify your interests, Google scholar will recommend papers to you.

SEARCH STRATEGIES

1. One effective way to get a feel of the latest development is to look up an important paper, then look at the cited references. The web resources and database will give you a list of papers that has cited this paper. Then you can read the most recent relevant papers about the technique developed from the original paper.
2. Usually, an important paper has a lot of citations, except those that are beyond the current generation (e.g. Da Vinci's works). Of course, this rule does not apply to breakthrough papers that are just published. To identify those papers, you need to consult your professor, knowledgeable colleagues or your own peer network.
3. Another way is to search for the latest survey paper in the field.
4. There is a compromise to how much you should know; sometimes knowing too much stifle your creativity.

SEARCH SKILLS

Familiarize with the use of logical operators: AND, OR, NOT, (), “ ”, SAME and wild card characters *, \$, ?.

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