1. **Who was there:**

Joanne(me), Kie seng, An ran, James, Yao, Jane.

1. **The material that I covered in the presentation:**

From definition 4.1.16 in p88 to Theorem 4.2.1(Yoneda’s Lemma), didn’t go through the prove for the Yoneda’s lemma.

* Definition of the H\_A functor.
* Definition of the representability for contravariant set-valued functors.
* Example 4.1.18 for power set functor.
* Definition of the Yoneda’s embedding.
* Definition of the Hom\_A functor.
* Definition of a generalized element of an object in a category.
* Some examples for generalized elements.
* The statement for Theorem 4.2.1(Yoneda’s Lemma).

1. **The topics covered in the discussion after the presentation:**

* The difference between the H^A functor and the H\_A functor, basically as explained in the remark of Definition 4.1.21.
* We discussed that why do we adopt the definition of a generalized element other than just call it a map that has A as its codomain.

1. **Evaluate the presentation of the material.**

I actually have used just half an hour to finish the presentation, and I think I have the time to go through the first part of the proof of the Yoneda’s lemma, I should be prepared for doing that.