

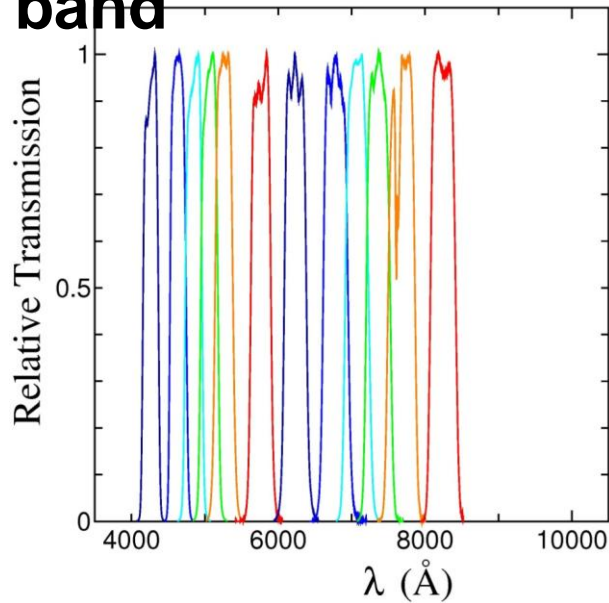
# **An intermediate-band survey for emission-line galaxies in the COSMOS field**

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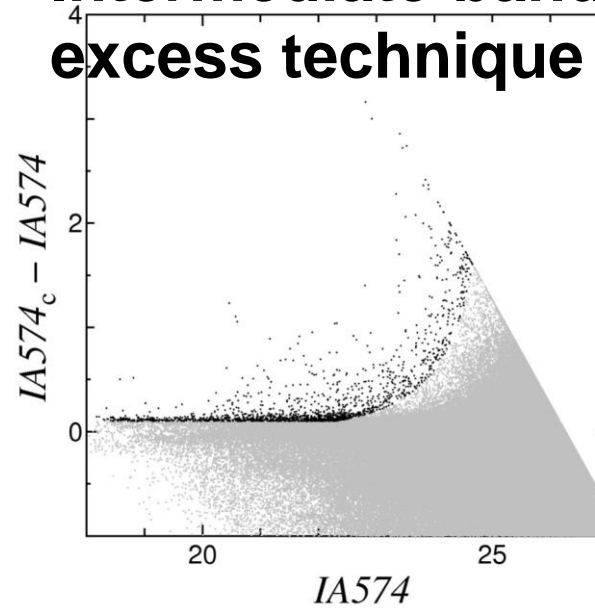
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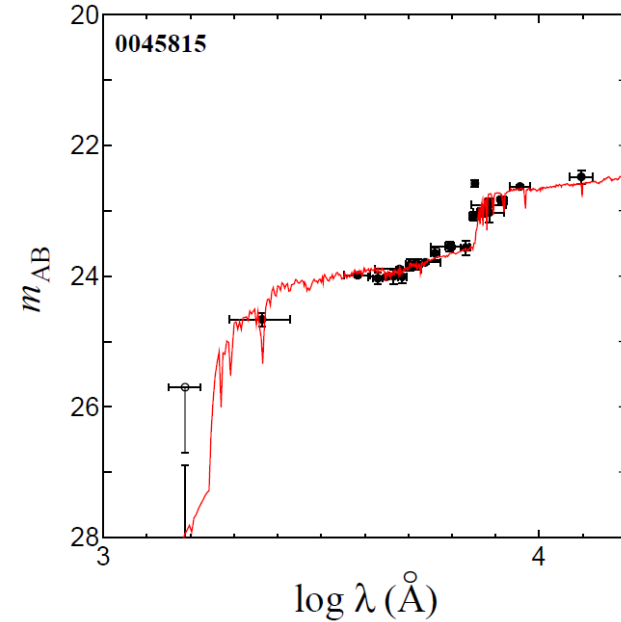
## 12 intermediate band



## pre-selection: Intermediate-band excess technique



## SED fitting → Accurate EW



- Our Plan

- 12 intermediate-band data from 400nm to 800 nm
- We select strong emission-line galaxy candidates using the intermediate-band excess technique.
- After SED fitting, we calculate EWs of these object with high accuracy.

**~ 10000 emission-line galaxies**