

Fig. 1

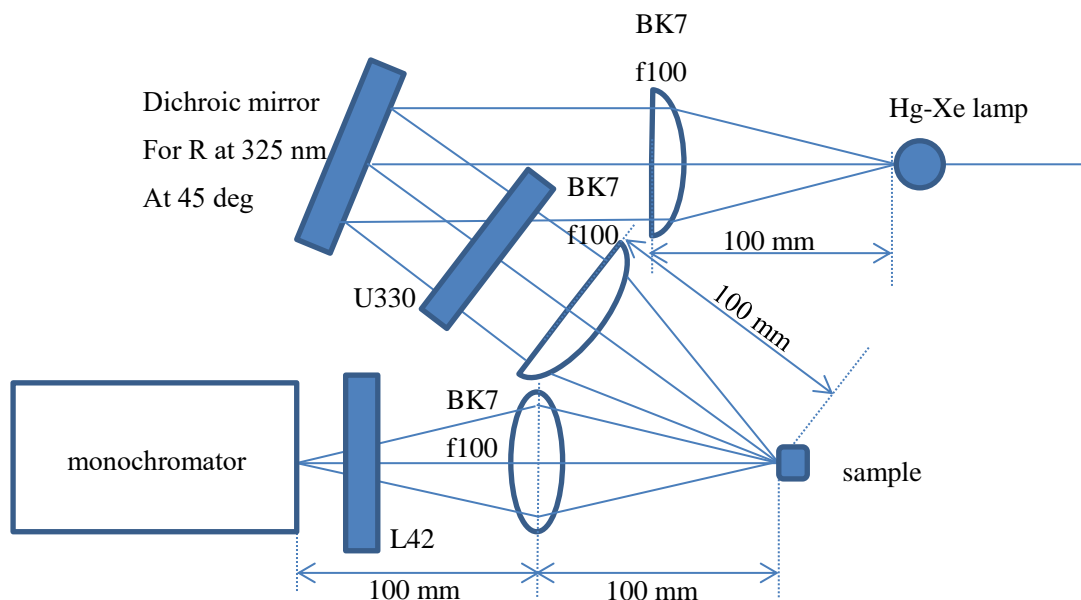


Fig. 2

Photoluminescence spectrum from a semiconductor with band gap energy of 3.56 eV is shown in Fig. 1.

To observe Fig. 1, one set up observation system as shown in Fig. 2.

- (1) Point out wrong point(s) or unsuitable point(s). (you must consider from Hg-Xe lamp to entrance of monochromator. It is not necessary to consider monochromator).
- (2) Denote how to correct wrong point(s) and unsuitable point(s) mentioned above.

Caution

You must answer in text and you cannot answer with any figures (pictures)

You can get 10 points if you show each wrong point(s), unsuitable point(s), how to correct wrong point(s), and how to correct unsuitable point(s). If your score over 100 points, your points to be 100 points.

## **Advanced Topics on Spectroscopy 2020 report 2**

Deadline 2020/5/15 15:00(JST)

Submitting place: mail box at room 406 of the electrical engineering building.

Write your e-mail address which can receive from tanaka@vos.nagaokaut.ac.jp.

If your score is less than 60, I will inform you. If your written address rejected my mail, I will not inform you.

If you resubmit report, your final score of this report is 80% of resubmit report, however, if the final score is higher than 60, your final score of this report is 60. You can resubmit only one time.