

## Advanced Topics on Spectroscopy 2020 report 1

Down load “PL.txt”, “L42.txt”, “B370.txt” from HP.

“PL.txt”, “L42.txt”, “B370.txt” denote PL spectrum, transmittance of L42 filter and transmittance of B370, respectively.

- (1) Draw spectra PL spectrum without filter, PL spectrum through L42 filter, PL spectrum through B370 filter and PL spectrum through L42 and B370 filters. Draw each spectrum on the same axis (in other word you can draw only one figure) and draw **without normalize**.
- (2) Show PL intensity through filter(s) at 350, 400, 450, 500, 550, 600, 650, 700, 750 nm **as shown following table**. **In the table, indicate with 0 decimal places**.

Wavelength(nm)	L42	B370	L42&B370
350			
450			
550			
650			
750			

Deadline 2020/5/8 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 average of all reports are higher than 60, in other word if you get credit, I will not 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.