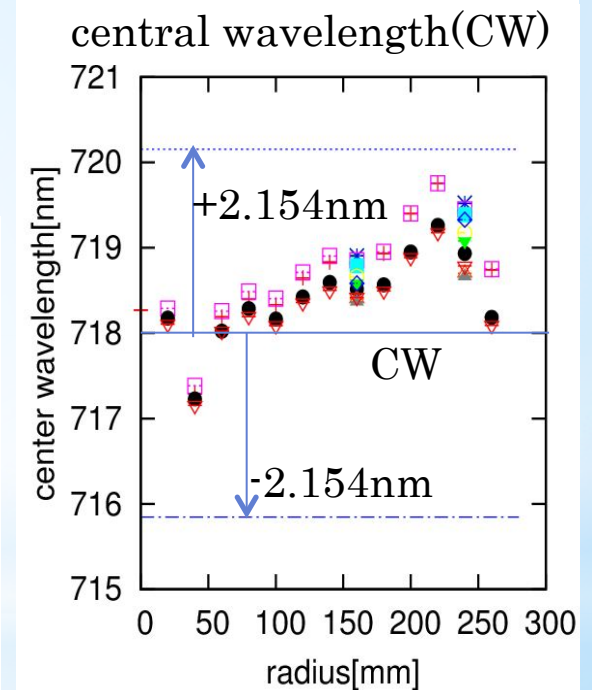
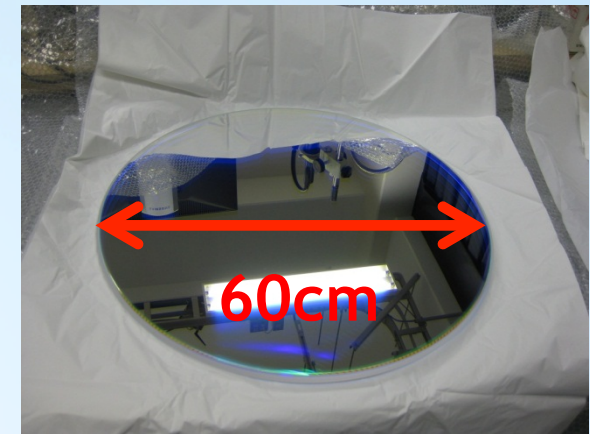


Optical Properties of a Narrow-band Filter for HSC, NB718

Akie Ichikawa(Univ.)

All specifications are fulfilled

terms	specifications
central wavelength	within $718 \text{ nm} \pm 0.3\% (\pm 2.154 \text{ nm})$
FWHM	within $10.2 \text{ nm} \pm 10\%$
FW80M	$\text{FW80M}/\text{FWHM} > 0.6$
FW10M	$\text{FW10M}/\text{FWHM} < 1.6$
transmittance at bandpass	more than 75% at peak
center wavelength change rate	smaller than $(0.15\% \text{ CW}) / 2 \text{ cm}$



We succeeded in fabrication of NB718!