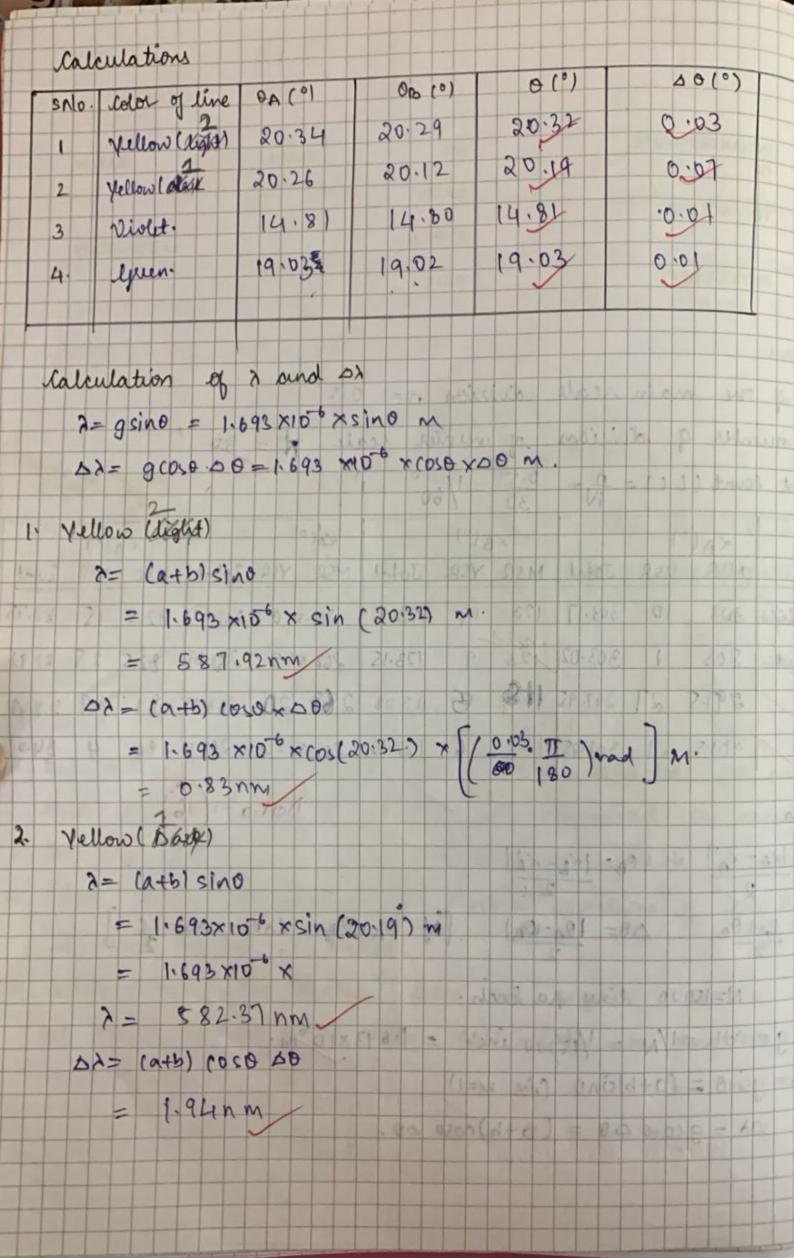


There are also weak secondary marium between plincipal marina The angular dispersion power (DD) is ratio of change of diff. angle with change in wavelength. DP = 80 = n $8\lambda = (a+b)\cos = g\cos \theta$ opp= n seco.tano.do. Procedure. Check the alignment of turntable using bubble level (in 3 dim Put the slit on tuentable without bouching glass/ grating. Rotate telescope to obtain spectrum. Presautions 1. Never touch surface of grating by hand. 2. Once the collimator and the telescope are adjusted for paralle their focusing should not be disturbed throughout the experiment 3. Once the grating is properly adjusted on the table it should 4 While laking measurements at different positions of the telese it must always we locked. 5 While rotating the telescope from one angular position to of mernar crosses o on marn scale, take the angular diff appropriately.

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