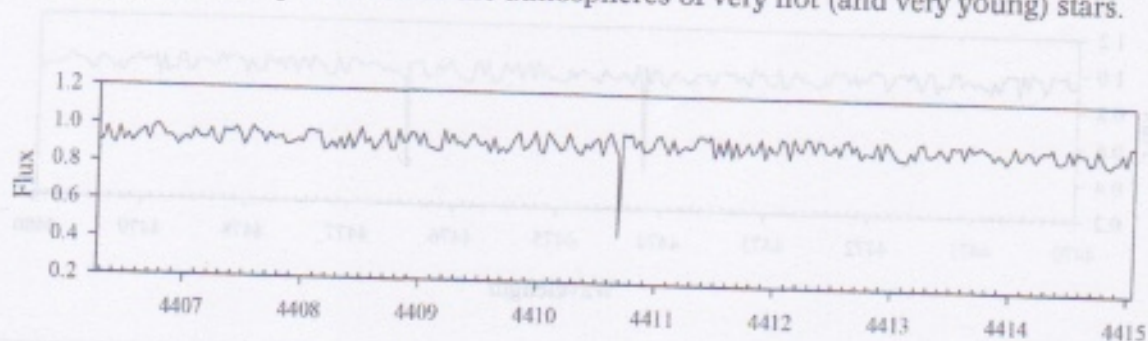


## Worksheet # 1, cont'd

## Spectrum # 5

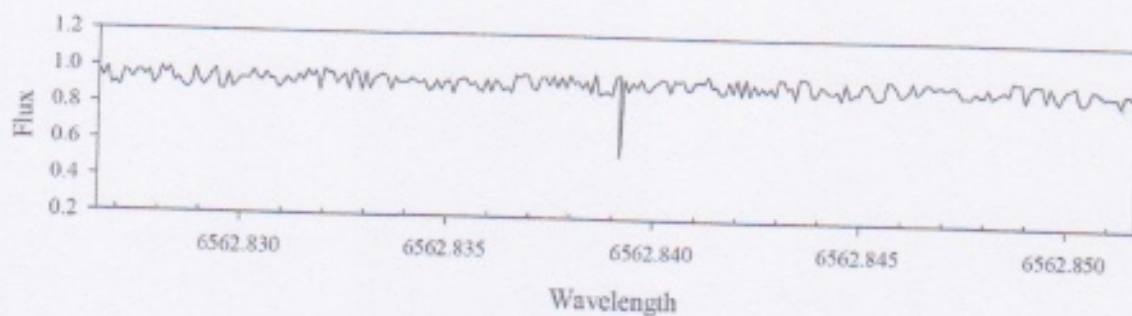
This spectral line is related to the cyan-colored line of hydrogen found at a rest wavelength of 4340.462 Å. This line is prominent in the atmospheres of very hot (and very young) stars.



Observed Wavelength (Angstroms)	Shift (Angstroms)	Radial Velocity (km/sec)	Phenomenon

## Spectrum # 6

This spectral line belongs to hydrogen, normally visible in the red regime with a laboratory wavelength of 6562.8518 Å. This spectral line can, for example, be traced to the hot hydrogen gas in the atmosphere of an 8000 K star.



Observed Wavelength (Angstroms)	Shift (Angstroms)	Radial Velocity (km/sec)	Phenomenon

Continue...