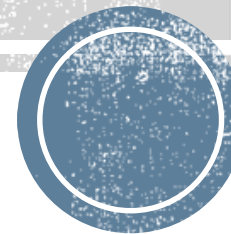
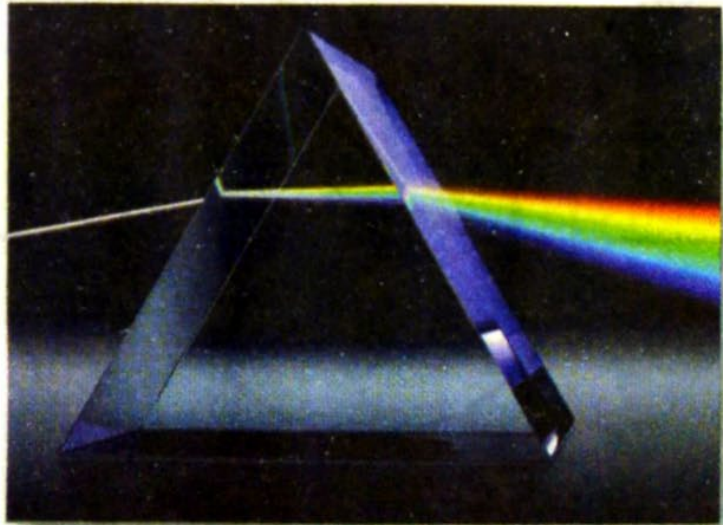


# EMMISSION AND ABSORPTION SPECTRA



# CONTINUOUS



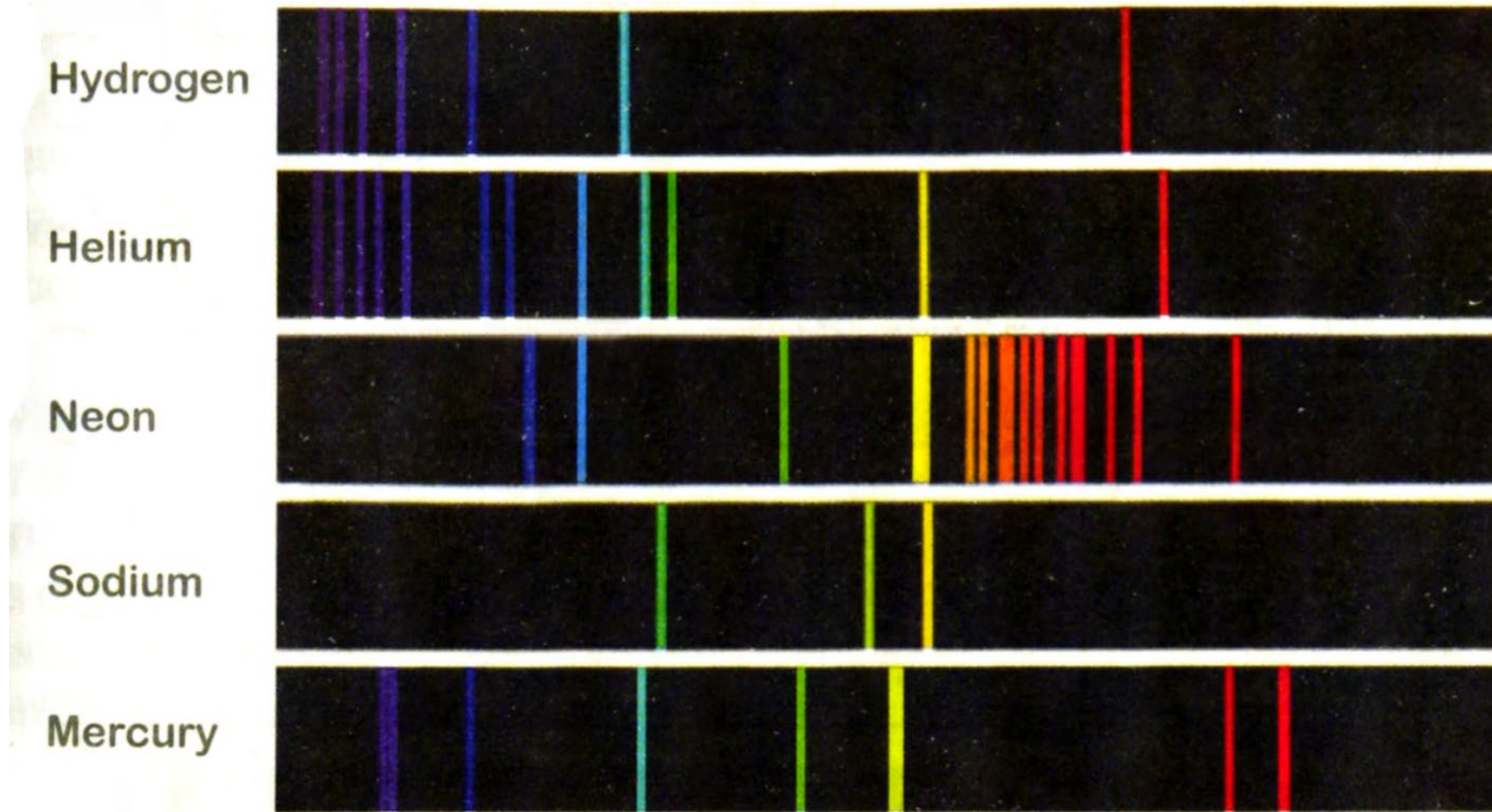
High frequency

Low frequency



# ATOMIC LINE EMISSION SPECTRUM

- WARM GAS: electrons move to the higher energy level and falls back to lower energy level. Then emits energy as photons of certain colors



# ATOMIC ABSORPTION SPECTRA

- White light passes through cold gas. Photons of specific energies are absorbed by gas particles.

