Produced by Daniil Flegontov thermal Excited electrons Sclectrical Electrons move up energy up energy cevels and when they drop to ground state, photons are produced. The different frequencies produced can be recorded On line spectra Hydrogen: Low High E · emission spectrum is made up of separate lines, discontinuous · lines converge as frequency or every increaview from Notesale ses. yman series Energy levels ultraviolet :: Page 3 of (higher distance higher energy ground Energy absorbed EZEL F= EZEL Frequence Balmer series (visible light Alistance between energy levels means higher energy differences. . The difference between energy levels converges as you nove further soon nucleus. The Balmer Pachen Lyman series conversence limit is series series The energy for ionization Usible Infraved UU n=1-> h=00