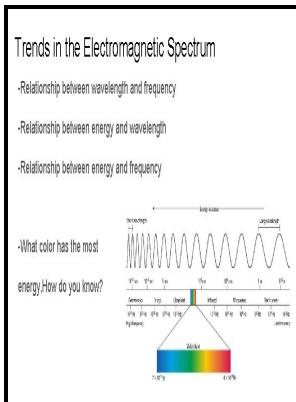


# On the wave-length of the principal line in the spectrum of the Aurora.

Taylor & Francis - Balmer series



Description: -

-On the wave-length of the principal line in the spectrum of the Aurora.

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Notes: Reprinted from Proc. of the Royal Society. Vol. 45.

This edition was published in 1889



Filesize: 57.210 MB

Tags: #Wave #nature #of #electron

**aurora**

Questions to test your understanding If this is the first set of questions you have done, please read the before you start.

**green line: a chapter in the history of auroral physics**

Upon absorbing a photon of excitation light, usually of short wavelengths, electrons may be raised to a higher energy and vibrational excited state, a process that may only take a quadrillionth of a second a time period commonly referred to as a femtosecond, 10E-15 seconds.

**atomic hydrogen emission spectrum**

An object moving in a circular orbit has an angular momentum equal to its mass m times the velocity v times the radius of the orbit r.

**Phase Spectrum**

I did all that, looked in, and the line was there. There is evidence that complex cells in the human visual cortex V1 respond to local magnitude information rather than phase.

**On the Spectrum, Visible and Photographic, of the Great Nebula in Orion on JSTOR**

Albert Einstein extended Planck's work to the light that had been emitted. THERE is one point in Mr.

**Hydrogen Spectrum**

Extending hydrogen's emission spectrum into the UV and IR There is a lot more to the hydrogen spectrum than the three lines you can see with the naked eye. This suggests that there are only a limited number of energy levels within the hydrogen atom .



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