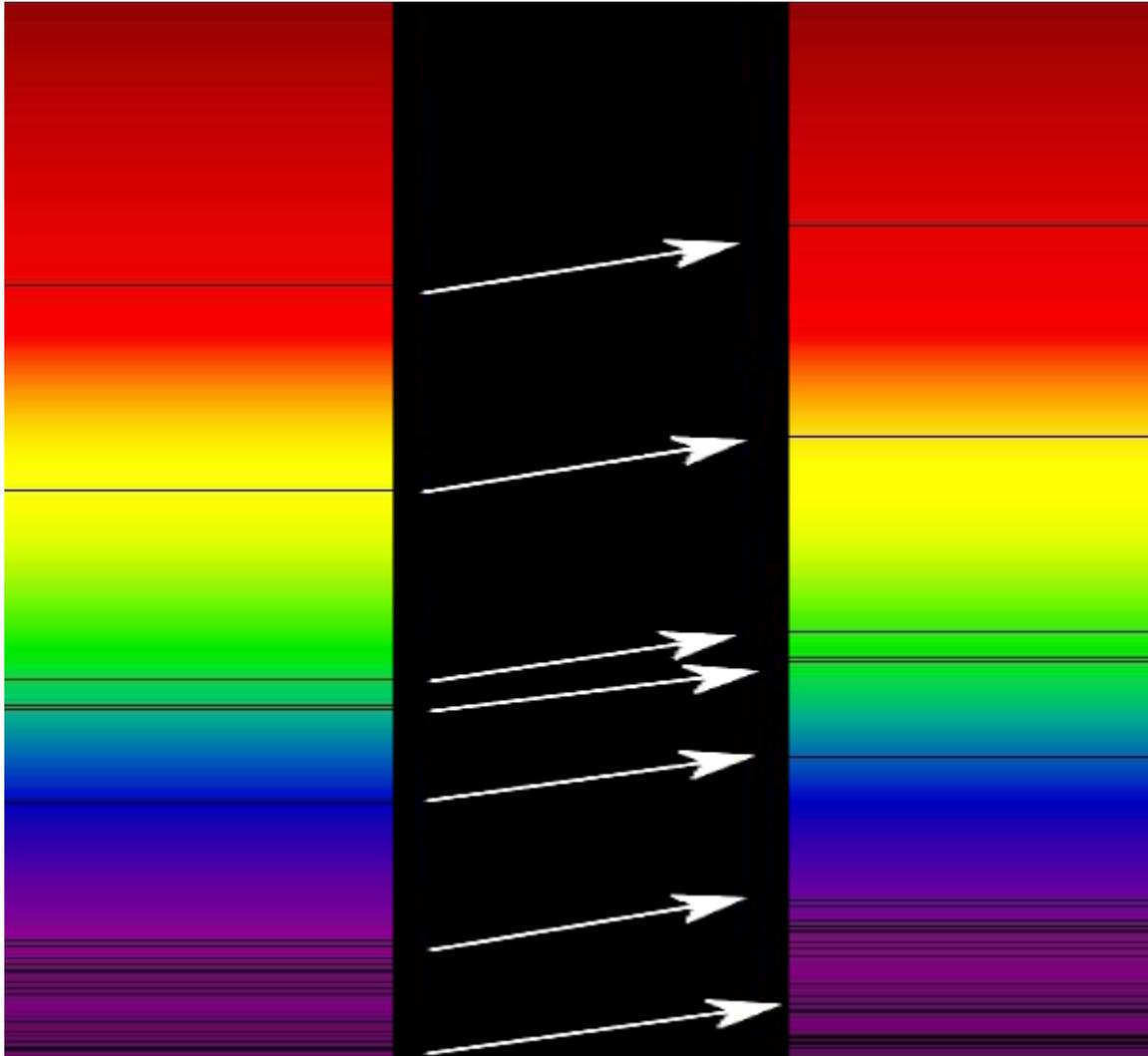


Red Shift in Vedic Physics



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Abstract

Scientists have mis – interpreted Red Shift since its inception. This paper provides the proper interpretation for Red Shift in explaining phenomena. Since Red Shift provides one of the legs of the Big Bang hypothesis, this paper and its predecessors on Vixra make the BB story untenable. The time has come for paradigm shift that properly explains Red Shift.

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Introduction

This paper is based on a book about Vedic Physics that is poorly written and which had never been edited. This series of papers provides the editorial oversight needed in that original work with the hope that scientists may more readily accept a work that is correctly written, punctuated and edited according to the standards of American or International English.

The present author believes that this work is of vital importance to humanity. To allow bad writing and lack of editing stand in the way of comprehension of this monumental work would be a genuine shame and tremendous loss to the development of our species. We have the capacity to live in a much deeper way than most humans understand, and this science holds the key to that higher development and level of living.

Moreover, the book contains such startling concepts that would astound the average reader, who is inclined to believe otherwise, considering the power of today's prevailing ideological paradigm. Readers may find this work literally in credible since it may overpower their knowledge and grasp of science.

This paper proceeds quite simply: Wikipedia provides the standard explanation of Red Shift as understood today. The second part presents the view of Vedic Physics on Red Shift and then concludes by explaining how it has been misinterpreted, and what Red Shift truly indicates.

Wikipedia on the Doppler Effect

The Doppler effect for [electromagnetic waves](#) such as light is of great use in [astronomy](#) and results in either a so-called [redshift](#) or [blueshift](#). It has been used to measure the speed at which [stars](#) and [galaxies](#) are approaching or receding from us, that is, the [radial velocity](#). This is used to detect if an apparently single star is, in reality, a close [binary](#) and even to measure the rotational speed of stars and galaxies.

The use of the Doppler effect for light in [astronomy](#) depends on our knowledge that the [spectra](#) of stars are not continuous. They exhibit [absorption lines](#) at well defined frequencies that are correlated with the energies required to excite [electrons](#) in various [elements](#) from one level to another.

The Doppler effect is recognizable in the fact that the absorption lines are not always at the frequencies that are obtained from the spectrum of a stationary light source. Since blue light has a higher frequency than red light, the spectral lines of an approaching astronomical light source exhibit a blueshift and those of a receding astronomical light source exhibit a redshift.

Among the [nearby stars](#), the largest radial velocities with respect to the [Sun](#) are +308 km/s ([BD-15° 4041](#), also known as LHS 52, 81.7 light-years away) and -260 km/s ([Woolley 9722](#), also known as Wolf 1106 and LHS 64, 78.2 light-years away). Positive radial velocity means the star is receding from the Sun, negative that it is approaching.

Vedic Physics on Red Shift

Vedic Physics has shown that all measurements; detection and recognition of interactions between phenomena are due to a variation in states of existence. Measurements must be only due to relative difference and become finite when they equal the minimum value of the source.

Maxwell showed through mathematical rigour that electromagnetic waves act 'by and of' themselves, unlike sound waves. However, the logic of Vedic Physics corrects this view by exposing the undetectable coherent region of simultaneous, self-similar and perpetual activity that makes the source of phenomena undetectable.

When this coherent field of space is accelerated 'instantly', it produces the time varying (non - synchronised or non coherent) Maxwell type of cyclic phenomena of dissipating the energy, stored in the Substratum by absorbing decaying activity, as electromagnetic waves.

Vedic mathematics shows that when the coherent state of components in space are broken by non-synchronous or time - varying activity, the regaining of coherence is attained by resonant absorption of non-synchronous activity. Such activity is radiated as incremental counts of energy which, sequentially decays back into space, over a period.

This idea leads to an important conclusion: that the photon must decay in 10^{17} cycles or seconds in physics. While electromagnetic theory does not lead to this conclusion, the enigma of Red Shift in the energy spectrum, relative to distance (discovered by Hubbles) is an indirect confirmation of the decay.

Red Shift indicates an increase in potential in the coherent state. The logic of Vedic Physics clarifies this aspect mathematically through the relevant Theorems. By applying the Vedic principle of Simultaneity, which identifies the axiomatic value of a source, one immediately sees that the fundamental

cause of a light or sound wave is identical.

Thirdly, it proves that all radiated phenomena, such as photons of light, must decay, which consequently removes the foundation for the highly unpalatable “Big Bang” expanding universe concept.

At the same time, this provides a logical mathematical explanation for the distance-proportional red-shift of spectral lines that Hubble discovered. For that was primarily the cause of it's origin, despite being aware of the fact that this anomaly did not exist within a Galaxy.

Since Vedic Physics specifically recommends integer mathematics as the correct path to understanding phenomena, the relativistic equations of motion along a geodesic, when transformed through integer mathematical procedures, show that it is a loci of a line of components with a net zero differential internal-stress-energy-tensor value.

One may further demonstrate through algebraic mathematics that the infinitesimal displacement identifying the geodesic has a coherent potential that can be expressed in a self-similar and perpetually coherent Moolaprakriti (photon) power;

Gravitational red-shift confirms this concept, which demands distance proportional behaviour, and by the same token, it leads to the inexorable conclusion that any cupful of energy called a quanta must wear itself out at some finite distance in a free field. The photon does so at the radius of the Universe.

A photon is an accelerated wave packet that has broken out of the boundary of the phase synchronised coherent state due to an obstruction that has disrupted the symmetric internal oscillations. Spatial transmigration of stress - like an electrical signal - precedes the photon, similar to a sound wave, to tell it when to stop.

The photon mass is a Moolaprakriti, excited by a structured ensemble of seven levels of randomly superposed vibrations that wagon-hop along the 'geodesic' components, dropping a count per hop, which allows the first ensemble to last approximately 60 light years. The internal stress level of log 66 axiomatic value dissipates itself at a radius of log 22, being the volume 1/3 proportion of a plane wave.

$$\begin{aligned}\log(3x) &= \log(66) \\ \log(3) + \log(x) &= \log(66) \\ \log(x) &= \log(66) - \log(3) \\ \log(x) &= \log(66/3) \\ \log(x) &= \log(22) \\ x &= 22\end{aligned}$$

Fourthly, in a holographic model, there is no ideological division of mass and energy. For this reason, even the lightest “particle” must possess the quality of synchronous, centred vibrations or “mass,” thereby clarifying its structure.

Super - positioned vibrations act as a unit on a supporting base, thereby introducing the concept of inertia in a field. As a result of this dichotomy, Einstein was compelled to postulate the principle of Equivalence to explain the seemingly magical quality of mass and force maintaining a constant relationship in the gravitational field.

In a holographic model, all manifested “particles“, are only super - positioned sets of vibrations in the undetectable Purusha components in the Substratum. For this reason, all particles which belong to any “mass,” must “move” at the same rate, as different - sized objects move together at the same rate on an escalator and each of its steps.

Now, the question could be asked “is this concept (substratum of space) acceptable in the experimental domain of physics?” The answer is a positive yes, because the outcome of the long series of the well known Michelson-Morley experiments confirmed that earth-matter did not move relative to space.

Furthermore, the Doppler Effect of frequency shifts relating to motion, confirmed the Vedic Physics principle that only expansive-compressive stresses move across the Purusha. The frequency shift towards the blue end of the spectrum relates to compressive stresses, while red-shift is associated with the expansive stress transmigration process.

Conclusion

We see from the Vedic Physics explanation that Red Shift is nothing more than an indirect confirmation of the decay of the Photon; A photon is an accelerated wave packet that has broken out of the boundary of the phase synchronised coherent state, due to an obstruction that has disrupted the symmetric internal oscillations. the photon must decay in 10^{17} cycles or seconds in physics; and the decay provides a logical mathematical explanation for the distance-proportional red-shift of spectral lines that Hubble discovered.

Red Shift indicates an increase in potential in the coherent state: red-shift is associated with the expansive stress transmigration process. In this light, Red Shift indicates the potential for expansion in the coherent Substratum, where the transmigration of stresses occurs in space, while Blue Shift signals compression.

Scientists have misinterpreted Red Shift since its inception, and so come up with weak hypotheses and wild guesses about the age of the Universe. In a holographic and combinatorial Universe, it may prove impossible to determine the age of any star or galaxy, let alone the Universe itself. For this reason, past decades of speculation about the age of the Universe, based on Red Shift, amount to nothing.

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Some men see things as they are and say *why?* I dream things that never were and say *why not?*

**Let's dedicate ourselves to what the Greeks wrote so many years ago:
to tame the savageness of man and make gentle the life of this world.**

Robert Francis Kennedy

