On the properties of homo-rays and mirrors

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Abstract

In this paper, the properties of homo-rays (also known as "raios gay") are studied. Experimental data is analyzed and a subsequent classical homo-ray wave theory is formulated. Interactions of homo-rays and mirrors are also studied, and their use allows for experiments which yielded data to support a relativistic extension of homo-ray theory. Experimental results yield that the standard speed of homo-rays is exactly $3ms^{-1}$, and the surprising result that (ground state) homo-rays propagate in imaginary momentum space is obtained. Finally, it is briefly discussed the extension of the theory to a quantum version.

*Prev: Bruno I, Rei da Eterna Sala de Alunos; currently in imposed exile

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1 Introduction

Homo-rays, also dubbed "gay-rays" or "raios gay", are a common occurrence in nature. Their primary source is human, namely people calling each other "gay", or "homosexual". Although their production hits the maxima at relatively young age (circa 11 years on a male), they are still common up to early 20s (in the case of very childish people).

Although incredibly powerful as a social tool, even more as a bullying tool, homo-rays are not strong as an attack tool because they are very easy to avoid. Their slow speed allows for easy deflection, avoidance, shielding, or even reflection. In fact, the most powerful tool against homo-rays is the deployment of mirrors (or its weaker version, "no u"). By employing a mirror (usually by statement and/or using the palm of one/both hands), a homo-ray is deflected, offering both protection from homosexuality as well as a possible counter-attack.

While "no u" (which is only verbalized) simply reflects the homo-ray back to the sender, mirrors offer control over the homo-ray, allowing for safe disposal, counter-attacks and even surprise reflects on unsuspecting gays-to-be. Because of this, the interactions with mirrors are of most importance, and "no u" is simply considered a special case of mirroring.

Homo-ray detection is very hard, since they are invisible to light of all wavelengths, and their only methods of detection are on production (characterized by the verbalization of "gay" directed at something, etc.), on hit (when a target becomes homosexual instantaneously - called a hetero-homo 1st order phase transition), and on dodge/miss/deflect/reflect (usually characterized by verbalizations that imply such action, or by use of mirrors). Because of this, several tests have to be performed using some unfortunate test subjects which had to be reset to a hetero state by electrocuting the gay out of them.

In the following sections, these experimental results are studied and analyzed.

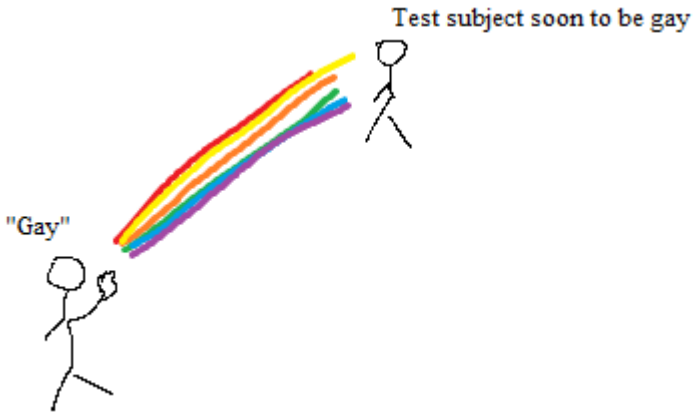

Figure 1: An artist rendering of the usage of homo-rays

2 Stage I Homo-ray Experiments

2.1 Gay-Test Battery

To test the wave be haviour of homo-rays and its innate characteristics, a battery of tests were performed:

- Wave Behaviour: Reflection, Refraction, Diffraction and Interference:

    1. Reflection: Test subject A (myself) emmits homo-rays targeting subject B (hereby called "Gaymão"). Gaymão then employs a mirror to redirect the homo-ray to subject C (hereby called "Gayrra"). Expected Result: Gayrra becomes gay.
    2. Refraction: Test subject A (myself) emmits homo-rays targeting subject D (hereby called "Gayrício") through a glass at a non-zero angle with the normal to the glass. Expected Result: at a sufficient large angle, Gayrício does not become gay.
    3. Diffraction: Test subject A (myself) emmits homo-rays though a varying size hole (produced by covering the mouth with both hands, as if to muffle the sound) not directly targeting Gayrra, but targeting a point close to him. Expected Result: Gayrra becomes gay for a small opening and mild proximity to targeting point.
    4. Interference: Both test subject A (myself) and Gayrra emmit homo-rays targeting Gaymão. Expected Result: Gaymão becomes twice as gay.

- Travelling velocity: Test subject A (myself) emmits homo-rays targeting Gayrra. Gaymão measures the time between homo-ray emmission and the hetero-homo transition on Gayrra (clearly visible). The experiment is repeated several times to avoid errors, aswell resistance (namely avoidance) of Gayrra to embrace his inner gay.

- Intensity loss on reflection: Test subject A (myself) emmits homo-rays targeting Gayrício. Both subjects then employ mirrors to repeatedly bounce the homo-ray. Because of inner weakness, Gayrício resigns the mirror use. Expected Result: Gayrício becomes just as gay as if he was hit directly with the homo-ray.

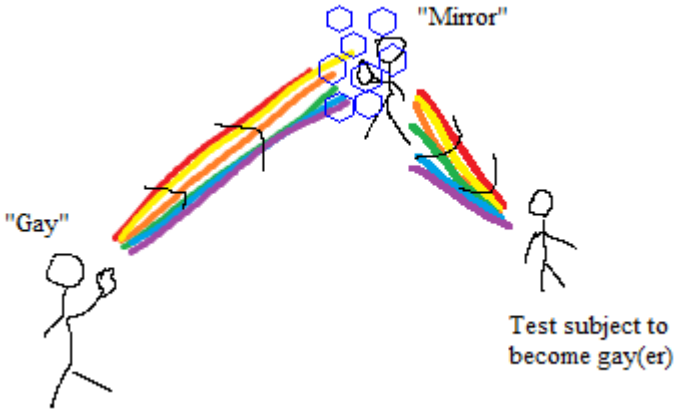

Figure 2: Artistic rendering of the Reflection Test

Figure 3: Concept of the Difraction Test

2.2 Experimental results

- Wave Behaviour: Reflection, Refraction, Diffraction and Interference:

    1. Reflection: Gayrra becomes gay after reflection. Some adjustments had to be made to ensure the reflected homo-ray incides on Gaymão's mirror at the correct angle in order for Gayrra to be hit with the reflected ray.
    2. Refraction: After extensive attempts to stop Gayrício from being gay, after an angle of approx 45^{o}, Gayrício did not become gay.
    3. Diffraction: In most cases, Gayrra became gay. The effect was mostly noted when the opening was small and Gayrra was near (but not on) the targeting point.
    4. Interference: Gaymão unsurprisingly became twice as gay as with a single beam. It's worthy to note this measurment was difficult due to the innate gayness of Gaymão. However, it was noted in a separate instance that when both Gaymão and Gayrra called each other gay, both became gay.

- Travelling velocity: After extensively targeting Gayrra, whether at long/short ranges, without notice or by direct attack, or by employing mirrors, all results point to the travelling speed of homo-rays being exactly $3ms^{-1}$.

- Intensity loss on reflection: Gayrício resigned and became just as gay as expected.

3 Discussion of Stage I results

It is clear from the results that homo-rays do have some wave behaviour, and their lossless reflections on mirrors seems to imply that homo-ray loops with mirrors are possible, allowing gay traps (note that traps themselves might not be gay, but using/liking them is indeed gay) or homo-ray storage using bounces on paralel mirrors.

Furthermore, since they do not travel at lightspeed, they carry mass. And since their speed is quite low ($3ms^{-1}$), they are non-relativistic. Then one can postulate that homo-rays can be accelerated, or emmited from moving sources, resulting in a faster (or slower) travelling ray.

Also, the interference results seem to imply that homo-rays do not interfere with themselves, but seem to stack intensity. This implies that defending from homo-rays by reemission is innefective, and that homo influence can be increased at will by stacking homo-rays.

Finally, a seemingly absurd result is postulated: homo-rays cannot carry energy since the homosexual state is a degenerate state!

This calls for a second round of experiments to test these predictions.

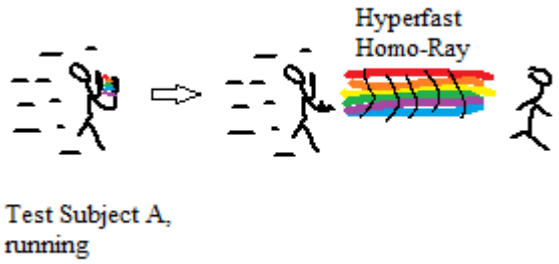

Figure 4: Concept of Homo-Ray acceleration

4 Stage II Homo-ray Experiments

4.1 Gay-Test Battery II

To test the predictions of the previous section, the following tests were performed:

- Homo-loop: Test subject A (myself) sets up four mirrors in the corners of a rectangle. Then emmits a homo-ray to the loop and closes it before the homo-ray returns. Expected Result: Bounces on the loop are detected at constant intervals, consistent with the velocity calculations.
- Homo-trap: Using the previous experiment, Gayrício is subjected to the incoming ray from the loop after removal of one of the mirrors. Expected Result: Gayrício becomes just as gay as if he was hit directly with the homo-ray.
- Homo-containment: Test subject A (myself) uses both hands as mirrors and emmits a homo-ray paralell to the normal of one of the mirrors. Expected Result: The homo-ray is contained and stored for future use.
- Fast-gayness: Using the previous experiment, Test subject A (myself) "throws" the mirror set at a non-zero velocity to Gayrra and removes the from mirror. Expected Result: Gayrra becomes gay faster than usual.
- Fast-gayness + Stacking: Using the fact that Gaymão travelled by plane to Açores, both test subject A (myself) and Gayrra calculate the necessary velocity for homo-rays to reach the airport at the exact arrival date of Gaymão, and use the mirror set to catapult the homo-rays. Expected Result: The homo-rays arrive aproximately on time and Gaymão becomes twice as gay.
- Phase-Transition Energy: Test subject A (myself) emmits homo-rays targeting Gayrício. Gaymão and Gayrra measure the change in energy from the transition. The procedure is repeated between these three subjects. Expected Result: Hetero-Homo transition increases target's energy.
- Hyper Emission: Using several mirror layers as protection, a split of hair from legendary homosexual Pedrhomo Viagay is obtained and observed. Expected Result: Highly intensive spontaneous homo-ray emmission is observed.

4.2 Experimental results

- Homo-loop: Bounces on the loop are regular and consistent with the velocity of $3ms^{-1}$.
- Homo-trap: Gayrício became as gay as expected.
- Homo-containment: The homo-ray was contained and stored for future use. Caution had to be used to ensure almost 0 incidence angle, otherwise the homo-ray would quickly escape and hit other test subjects.
- Fast-gayness: Gayrra became gay faster than usual. Calculated speed seems to agree with Galilean speed addition.
- Fast-gayness + Stacking: Due to extreme coordination, the homo-rays arrived exactly at the same time. Unfortunately Gaymão denied becoming twice as gay. It is postulated that he did indeed become as gay as expected, but did not want to admit it.
- Phase-Transition Energy: The transition yields no additional energy to the target.
- Hyper Emission: A small split of hair from legendary homosexual Pedrhomo Viagay was obtained. Spontaneous homo-ray emmission was so intense it was able to bypass several mirror layers and, in Gaymão and Gayrra's case, it fully penetrated them. An unfortunate consequence, but they seemed to like it after becoming gay. The hair had to be immediately disposed via thunderbolt discharge, since leaving it in the opening would most likely be considered a terrorist attack, let alone an environmental disaster.

5 Discussion of Stage II results, Relativistic Gay Theory and proto-Quantum Theory

Having confirmed the previous postulations, it is clear that standard light manipulation via mirrors can be fully applied to homo-rays, creating an unprecentented weapon of mass homosexuality. It is therefore recommended to always be ready to use mirrors as defense, regardless of the reflection target. Priority should always be to avoid the phase transition and only then counter-attack.

Astonishingly, the degenerate postulate is proven to be correct! Note that since the original intensity is low, it is possible that higher intensities result in degenerate transitions but of higher energy, with both available states being homo-states. Unfortunately the intensity required to test this seems to be similar to that of the Pedrhomo Viagay's split of hair, and thus currently too dangerous to test.

However, an important result can be obtained for these common-intensity rays: since their total energy is zero, but carry mass (from the non-c velocity), then the square of their momenta has to be necessarily negative, since strict relativity theory states $E^2 = p^2 + m^2$! (note that $c = 1$ was used since we are not in kindergarden)

This immediately implies that homo-ray momentum is imaginary. But since that is pretty gay, then once can state that homo-rays travel in the momentum space of homosexuality.

Because of this, conservation of momentum then implies that if a homo-ray is emmited, then a ray with negative gayness is emmited backwards (and immediately absorved by the source). This seems to be confirmed by the fact that homosexuals lose the ability to call others gay, which is supported by the observation of the difficulty that sometimes Gayrra, Gaymão and Gayrício have in emmiting these rays. Furthermore, this concept is reinforced by the strengthening of heterosexuality when calling others gay (which is the main purpose of the action, apart form pseudo-bullying others).

Finally, the high energy levels emmited and the easy mirror bypass of the homo-rays from Pedrhomo Viagay's split of hair seems to indicate homo-rays are, to some extent, able to penetrate and even tunnel through barriers. This suggest a possible extension of the theory to quantum mechanics. In fact, due to its already interesting property of travelling in imaginary momentum space, it would not be surprising to have non-commutativity in its momentum. This suggests a Bertolamic approach to the quantum extension of the theory via a formulation of a Wigner-Weyl Gay-Transform. However this might prove difficult, since this is already fake and gay, so it is hard to improve it. Maybe the solution lies in string theory, or maybe rope theory, such as the gay-hanging rope theory.

6 Conclusion

In this paper, the properties of homo-rays was studied. Several experiments on the nature of homo-rays were conducted and yielded that they have wave-like behaviour and naturally travel at $3ms^{-1}$.

Furthermore, homo-rays do not lose intensity during travel or by bouncing/reflecting, and in fact carry zero energy since the hetero-homo transition is degenerate. This implies that homo-ray momentum is imaginary, and conservation of momenta implies homo-ray sources lose homosexuality on emission, i.e. gain heterosexuality.

Finally, a possible extension of homo-ray theory to quantum theory via a Bartolamic approach is studied, although no experiments to test hypothesis can be conducted due to the high dangerousness of high intensity homo-rays. Improvement of mirror or even quantum mirror tecnology may yield in the future new ways to explore this field.

7 Aknowlegdments and Final Thoughts

None.

I'll soon release a mixtape that is absolutely 110% fire based on the following playlist:

https://open.spotify.com/user/beimat/playlist/5HB478jKLyCSaYpSDqgvub.

It'd be awesome if the cherished and absolutely not gay reader would check it out.