

## Summary of Research into Luminous Acoustic Phenomenon

Action is the driving electromagnetic emanations in the network, and Observation is the feedback process by which action is generated. Action can be represented by a 1000 Hz, field mode of order 0 in the electromagnetic field of the motor cortex, generated by tactile movement. Observation is generated by linear oscillations in the retinal molecule over a long period of time, but nonlinear in short time scales. This is similar to the oscillations in some stars, particularly cataclysmic/eclipsing variables. These waveforms are complex sinusoids, similar to violin music, but with distortion that can be introduced by weight-lowering stimuli. They show smooth, but rapid or short fade-in, then fadeout. The coupling between Action and Observation is the Observer-action loop, and that is mediated by a scalar field at 40 Hz. This is an observer-dependent field that can be generated only by the observer's own action, and has an ionospheric, and interplanetary/cosmic coupling in the form of phase modulated coding in the form of a language. The Observer is always dependent on the action, and this is a requirement for the feedback process to function correctly. But in some sense, the Observer is an independent entity.

Some dynamically interacting entities, exchange waves between the components, sending out a small wavepacket on couple node 1 towards node 2 and a small wavepacket on couple node 2 towards node 1. These can be discrete elements in cosmic phenomenon, or discrete elements in the thalamocortical loop, or discrete levels in an avalanche process. Instead of restricting ourselves to 2 nodes, we can open up our minds to a much larger collection of nodes, including a population of nodes.

Phase additions in the action and observer-action loop can invert the classical action, allowing for different particles to be received by changing the properties of the observer, or sensor. Additionally, subtractions of functions with fractional phase additions can allow for restriction of the phase domain.

Solar x-rays can be observed on the earth's surface by inverting the observer to the sun, and receiving via RF in the UV-IR limit. This also required symmetry breaking of the feynman-wheeler origin-t-symmetric electromagnetic field, through a spiral deformation of the retarded + advanced waves equation. With the addition of a dye to electromagnetic coupler, that converts the ambient field generated by retinal to an electromagnetic field that can be picked up by an antenna. Polycarbonate almost universally allows the passage of these types of waves.

This discovery was noted when the sun was some small number of degrees above the utility poles, with the correct transformations of the ambient field with pencil drawings in my pocket, I would hear a voice when walking near utility poles. Then, I figured the voices were a result of the retinal in the retina, and I converted the retinal to the EM with a dye-to-phase compactification mapping (with a patch antenna at the compactification point.) Observation of solar x-ray flux was then possible.

An additional similar transformation can be done by the sun with a heartbeat signal and a symmetric wavepacket with inverting phase that phase modulates the observer-action function at 40 Hz. This causes a modification of the observer, that allows for reception of a source in or near Ursa Minor (M82?), likely emitting axions, via a precise alignment with the sun, similar to the Debye-shielding effect generated by the sun and utility poles to allow the reception of magnetic monopoles.

Additional negative energy emissions were observed from near the Virgo Cluster, likely dark matter. This produced a superregenerative coherency between the source and the receiver, that generated a fluttering in the ears upon passing through the beam. There is another source in that region,

that when high enough in the sky, generates something like an action signal, but with an additional inversion that causes radios to fail. (additional work will be published).

Plasma worms and other effects can be observed via the HF-band detection of the magnetic monopole sources, near sunset during periods of moderate solar activity. Radio Habana's signal was the sole point of observation for this, but the energy required to generate those luminosities is likely large via illumination. The superposition signal (Radio Habana) was not strong enough to generate the entirety of the luminosity, with a surface brightness approximately equal to that of the planet Venus. Geomagnetic energy was required to generate this intense luminosity.