

Electron Ensembles

by

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There is a fascinating new realm of physical effects not covered by present-day single particle physics description, but still very much a part of the world we live in. These effects herald some forthcoming events greater in extent than those found in the single electron world we are most aware of. This domain is the multiple electron universe where the effects of electron ensembles dominate all others.

A Name: In the past, a litany of names has been used for this still emerging field ⁽³⁾. Such descriptors as EV (Electrum Validum or strong electron as well as Electromagnetic Vortex), HDCC (Hi Density Charge Clusters), Charge Clusters, Ectons (Used by Mesyats in Russia) and lately, EVO (Exotic Vacuum Object) have been designations for any cluster of charge over the size of a few electrons. Some clustering rules have been made evident by the author as described in references ^(1, 2, 4, 5, 6, 7, 36).

The Dividing Line: There is still an indistinct dividing line in numbers, for either electrons or protons, beyond which these new effects occur, but it lies somewhere between that of electron pairs and the hundreds of particles seen in nuclear clustering effects. One thing is clear in all instances, the normal repulsion laws for the like sign of electric charge between single particles do not hold in this new realm ⁽⁸⁾. The particles, or wavelets, are much more tightly bound than those in solids even though the number density is virtually the same, being in the range of Avogadro's number. This high binding energy is demonstrably large when the ensemble is either suddenly disrupted or the group is caused to bore through ordinary solid matter ⁽⁴⁾.

Charge and Mass non-Conservation: The most Holy laws of single particle, charge and mass conservation are totally disregarded when electrons consort in this ensemble mode, as the values of both charge and mass vary over a range of over a billion to one when the initial number of electrons used to form an EVO are compared to the number of electrons contained within the EVO black state ^(9,10).

Energy Production: This gross reduction of charge and mass are at the root of, so-called, cold fusion energy gain. The process of energy production in this case is not nuclear in its origin but rather traceable to the high velocity of nucleon acceleration achieved efficiently through, first, mass reduction of nuclei by EVO association, and then the concomitant interaction of this high velocity projectile, operating at high mass by virtue of EVO entrainment loss, dumping its energy into the host lattice ^(11, 12).

This almost arbitrary change in charge and mass cause havoc with another Holy law, namely, the law of energy conservation ^(13, 14). Factually, the only actual havoc caused is with those clinging to the old laws of single particle theory and practice. Moving on to the new world of multi particle ensembles vanquishes this disarray.

Although the nuclear world was bypassed for production of energy via the cold fusion process, it is severely impacted through the ability of electron ensembles, EVOs, to transmute nucleons most easily as a part of their normal interaction with matter. There is plenty of nuclear ash found in the cold fusion process, but it is not necessarily a hallmark of nuclear energy release. Incidentally, almost all of this ash is non-radioactive ⁽¹⁵⁾. The notable exception is the production of tritium.

Propulsion: As unusual as the energy production effects are, the propulsion effects are even more fundamental, extremely useful and at the root of the energy production methods^(16, 17, 18, 19, 20). These effects vary from simple propulsion of nucleons for thermal energy production to the propulsion of EVOs for the production of both electrical energy and large thrusting forces for lifting objects. The electrical energy production method does not suffer the short-life defect found in thermal energy production, where nucleons are moved, but rather gives what appears to be limitless lifetime in that no nucleons are disarranged from their original position in the apparatus as propulsive energy is transferred via electrons. The static lifting mechanism is grossly in violation of normal laws of thrusting as derived from single particle physics. Such ancient theoretical laws cannot be used to evaluate EVO thrust producing methods and experimental technique is the only recourse at this time.

Penetrating Universal Barriers: While such astral luminaries as WIMPS (Weakly Interacting Massive Particles) and Black Holes^(24, 25) might seem to be demoted and reduced in rank by associating them with ordinary laboratory experiments, which can both make them and manipulate them through the use of EVO techniques, their significance is not diminished because even the ordinary laboratory form can perform admirably as intermediates and messengers⁽²¹⁾ to something like another Universe⁽²²⁾.

The Dark Side of Electron Ensembles: For all the good EVOs and their kin seem to do, there is a very dark side to their use by humans who do not yet know how to handle such extremely high energy densities when coupled with the ease of use afforded^(23, 26, 27, 28, 29, 30, 31, 35). The problem introduced by EVO usage is that they penetrate great distances into standard material and release their energy at whatever point their level of accumulated disturbance indicates. This means that they can be initially set to a predetermined level of excitation and then destruct at a chosen point for dispensing their contained energy. This amounts to an electrical projectile being capable of destroying any known object bit by bit.

The real difficulty with this method of destruction is that the gun does not need to be reloaded as its energy comes from the virtually inexhaustible source that drives all electron ensembles as EVO energy generators. One should reflect on the difference between a bomb that destroys itself, thus giving rise to a finite energy release, and a gun that can continue dispensing grief until it finally shoots away its own mount when nothing else is left. The largest hope for surviving this kind of weapon, until we learn how to behave socially, is held in the *Shield*⁽³²⁾ afforded by the same technology. Unfortunately, this shield is not as easy to design and make as the gun.

Proceeding: All of the findings discussed here were discovered outside of any organized, institutionalized, research environment. As such, they are heretical doctrine. Still, the facts discovered hold together well enough to warrant further development. The time has come to combine the many elements discovered and turn them into useful devices for energy creation and propulsion of the best kind. The next phase of this work should be done by using the same methods by which they were originally discovered, namely, in the freedom of the vast space outside of academia^(33, 34). For a short time to come, possibly 2 or 3 years, the work should continue on the very small scale where it was discovered. This gives maximum leeway for the investigator to wiggle in and out of the various traps provided by nature, resulting in an early arrival for a useful commercial product.

One must wonder what these consorting electron ensembles will think of next?

References:

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- [4] Charge Clusters In Action
- [5] Permittivity Transitions
- [6] EVOs and Hutchison Effect
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