

**Birkeland Currents, Sunspots, Comets and Ball lightning originated by new paradigm
Dark Matter Black Holes.**

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Abstract,

According to Quantum FFF Theory, the FORM and MICROSTRUCTURE of elementary particles, is supposed to be the origin of FUNCTIONAL differences between Higgs-Graviton- Photon- and Fermion particles.

As a result, a NEW splitting, accelerating and pairing MASSLESS dual Black Hole system seems to be able to convert vacuum energy (ZPE) efficiently into real electric energy by entropy decrease (nuclear electric potential) and is responsible for all dark matter in the universe.

The electric energy production of Stellar Anchor Black Holes (SABHs), seem to be able to explain quick Star- and Galaxy formation, Birkeland Currents, Alfvén Circuits and Herbig Haro Objects. However, smaller Black holes (created by magnetic interference) are supposed to be responsible for Sunspots, micro-Comets and even Ball Lightning.

Introduction.

The Electric Universe paradigm proposed by David Talbott and Wallace Thornhill, describes that universal electric phenomena should be the origin of poorly explained universal phenomena like fast Star- and Galaxy formation, dust pillars, dumbbell- and cone shaped planetary nebula, and Cosmic Plasma phenomena like stellar and galactic Birkeland currents and Alfvén circuits. (fig 1,2) [Ref.. 23,24]

In Quantum FFF theory however, these electric phenomena are assumed to be originated by the electric potential and vacuum polarisation influences of new Paradigm Black holes.

New paradigm Black holes are supposed to come in various sizes spread through and around the Galaxy. In contrast with mainstream physics, the small (stellar mass) Black holes are in most cases located in the centre of galaxy and the Giant Black holes are located outside the galaxy..

Quantum FFF (Function Follows Form) theory states, that the vacuum is seeded with fast oscillating massless Higgs particles (dark energy) , oscillating along a complex chiral tetrahedral vacuum lattice, which has the ability to transfer Photon and Graviton FORM information in bunches of oscillations (in wave form) , through the vacuum lattice with the local speed of light. Ref [13,18,21]. As a consequence there are no attraction forces on propeller shaped Fermions. Gravity seems to be the result of two different impulse arrays: the massless Higgs impulse array and the (less effective) massless Graviton impulse array.

As a consequence, new paradigm Black holes suffer only from the gravitational influence of Higgs vacuum (photon) impulses also coined Casimir push-gravity, because no gravitons can escape from the Black hole. The Black hole is supposed to be a super dense knot of Higgs particles floating inside the oscillating Higgs vacuum frame. (Fig. 6) and (Ref. 7,8,9,11,13,17).

No photons like gravitons can escape from the Black hole. However, in Q-FFF theory, the vacuum is constantly “eaten” by these NEW Black hole nucleus and the origin of the Casimir gravity effect of Black holes..

In the Q-FFF model, Fermions are assumed to have a propeller shape equipped with a left- or right hand “pitch” Quarks and some leptons are compound particles (with photonic gluons) however, electrons and positrons are singular. (Ref. 18)

Only the statistical sum of the different kinds of vacuum impulses (butterfly shaped vector arrays) by real collisions from all directions on Fermions are responsible for all (energetic) phenomena in the universe. (Fig 3,4)

New Black holes are assumed to create an electric potential between the positive charged nucleus (positrons and quark soup) and the negative charged globular electron shell around the Black hole nucleus. (Observed during ball lightning production Ref. 8.)

As a consequence the polarisation of Fermions around Black holes is the origin that Black holes are equipped with a narrow Fermion repelling globular horizon as a result, Black holes are Zero Point Energy driven electric generators with negative charge at the outside and positive charge at the inside.

The Fermion repelling horizon of Black holes (fig.7,8,9) is also the origin of vacuum polarisation between pairing Black holes leading to the fast creation of Stars by Stellar Anchor Black Holes (SABHs), Galaxies, (Cygnus A: fig 5) Herbig Haro objects, the pairing of Sunspots Alfvén circuits and Birkeland currents.

The accelerating plasma tail of NEW paradigm Black holes (fig9) (Ref.17), and the splitting Black holes into smaller pairing Black holes is supposed to be the origin of a smooth proliferation of Black holes and downsizing after the big bang of star magnitudes.

The Eagle Spire Nebula, (fig. 1) the Carina and other nebulas, are examples of a smooth proliferation of Black holes through Galaxies and Nebula.

We are able to observe in these nebulas the pairing and splitting of Black holes ending up into multiple Herbig Haro objects (double stellar anchor Black hole systems) as the origin of new stars as the start of small open star clusters.

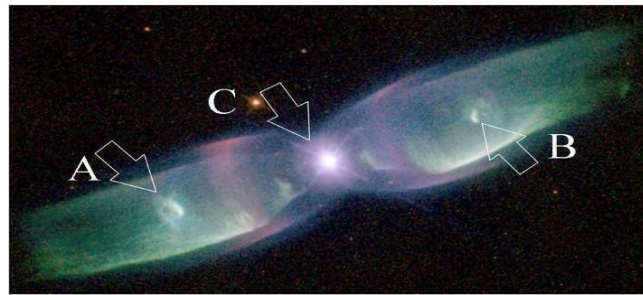
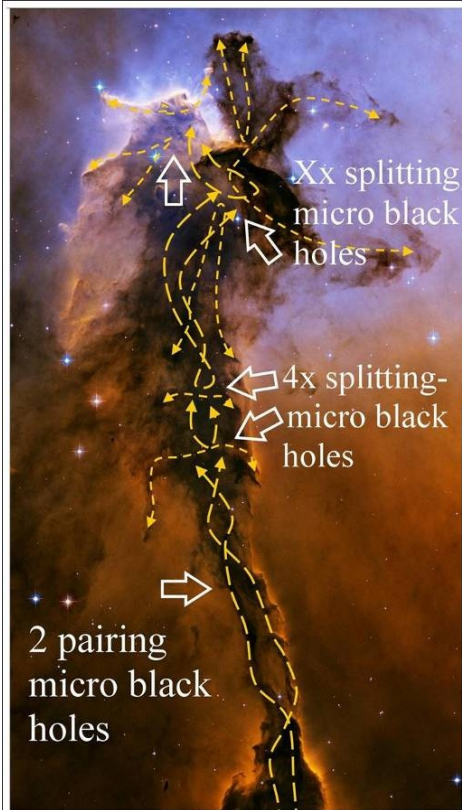
Our sun is supposed to be a remnant of a former open star cluster located in between two still active Black holes, representing the so called hotspots of a former Herbig Haro object.

The solar planets are supposed to be expelled from the ever growing Sun by instable stellar rotation effects.

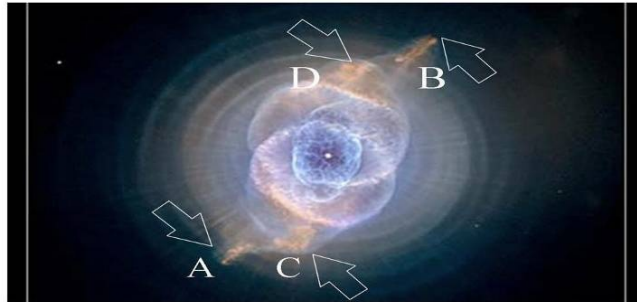
As a consequence we may discriminate two different kinds of stars:

Stars accompanied by two or even more Stellar Anchor Black holes (SABHs) and stars that have no SABHs. often travelling in tandem.

Both types of stars seem to be able to explode into Planetary nebula or supernovas, as a consequence we can observe Planetary Nebula’s (PNs) with and without clear dual hotspots located on both sides of the symmetrical exploded gas distribution.



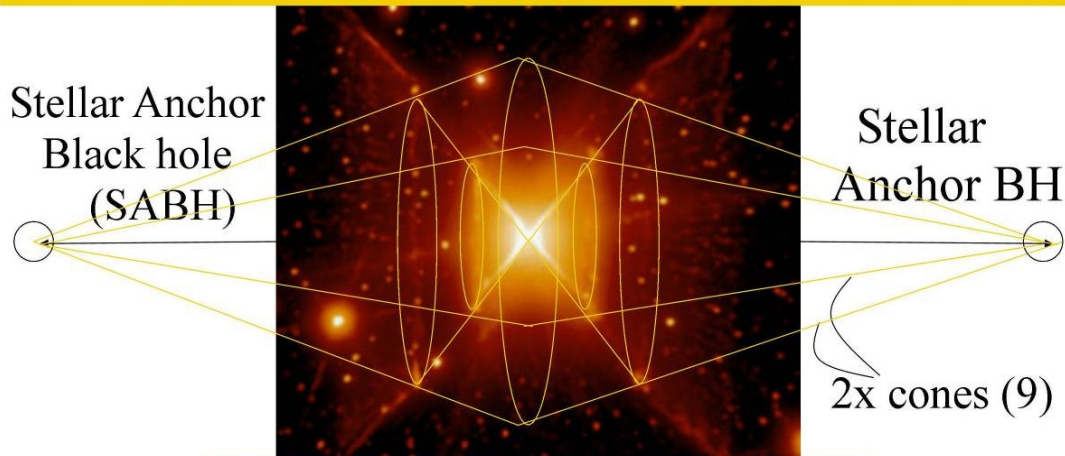
This Exploding Star /Planetary Nebula M2-9, is presenting only two Stellar Anchor black holes located at A and B. The star is located at C. The shape of this system is an example of double ring shaped dark matter/ sunspot gravity influence.



This Exploding Star /Planetary Nebula is presenting even a double pair of Stellar Anchor black holes located at A,B,C and D.. Our solar system is supposed to have also at least two Stellar Anchor black holes located on both sides of the planetary plane..

Figure 1, The Spire Eagle nebula, with two Planetary nebula, examples of the influence of Black holes in the electric universe.

The origine of Double MWC922 interference rings



SABH interference rings with double coned starspot distribution.

Figure 2, The Red Square Planetary nebula MWC922, equipped with double cone structure of expelled material including trailing starspots (Micro Black Holes). There are FOUR cones (figure 3) of interferences originated by the two Stellar Anchor Black holes (SABHs). These four cones seem to interfere with the TWO cones of expelled material of the star, leading to FOUR rings of interference.

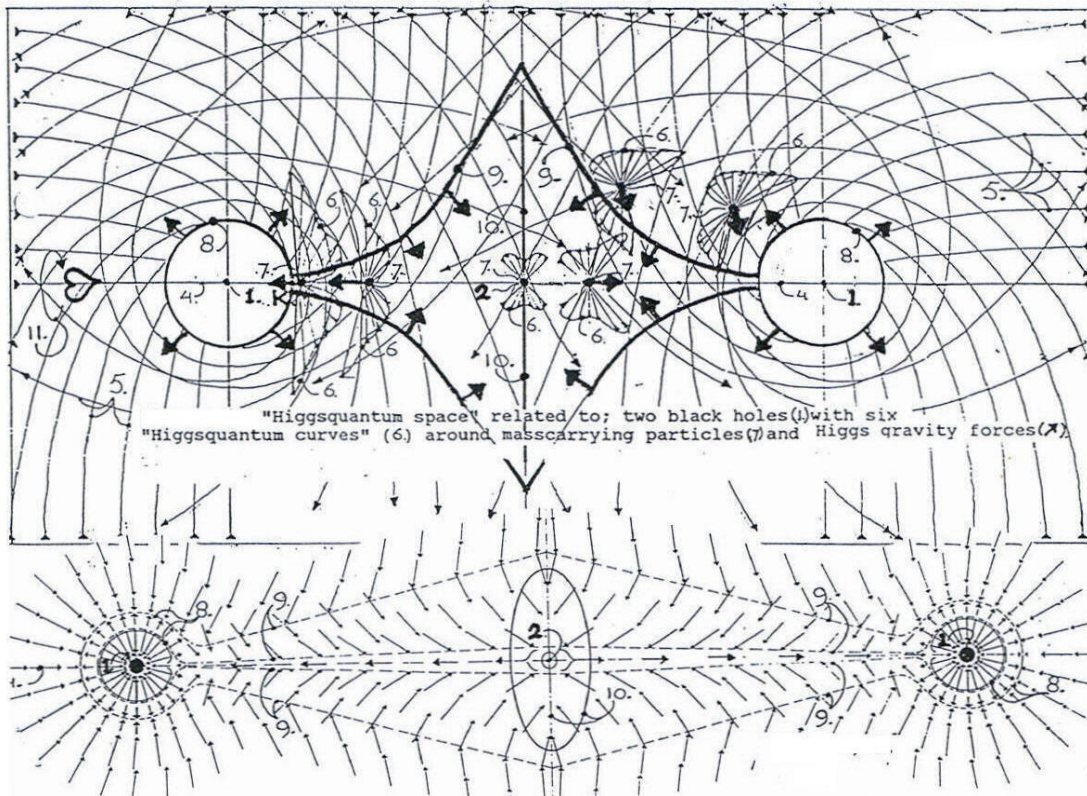


Figure 3, Higgs Vacuum structure around a set of two Black holes, as is found to be present around Planetary nebula, early Galaxies and Herbig Haro objects. The negative charged particle jets is the result of the Black hole based electric potential combined with the vacuum polarisation (acceleration) effect on Fermions and the origin of Birkeland currents and Alfvén circuits.

Dumbbell system of new paradigm Black holes kept apart by two Herbig Haro electron-ion particle jets. Zero Point energy pressure effects around test masses are depicted as butterfly shaped vacuum pressure vector array curves. I Q-FFF theory, the vacuum gravity pressure is interpreted as Dark energy and Black holes as Dark matter. The central “White-Grey hole” is always the place for gas concentration by electric and vacuum vector pressure of all open star clusters and Spiral Galaxies. Only Globular star clusters and some Elliptical Galaxies will show central massive Black holes.

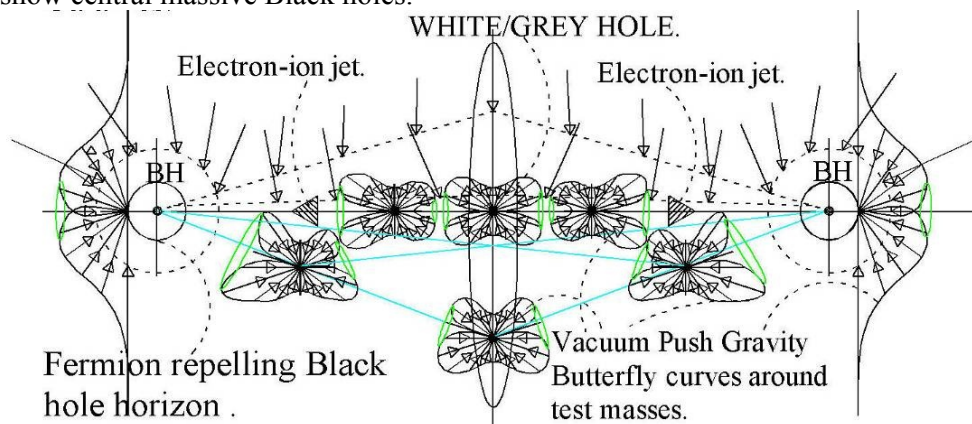


Figure 4, The same as figure 3 with butterfly vector arrays at different locations around the Black holes. In the middle the vacuum has less density (larger Planck lengths) by the absorption of the dual Black holes.

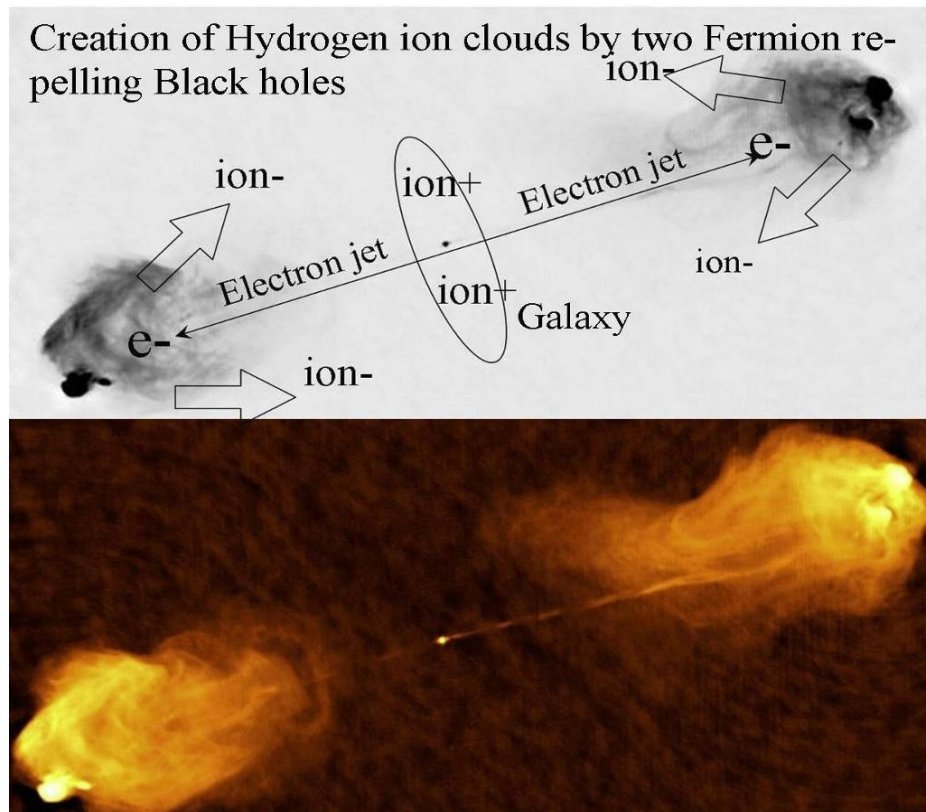


Figure 5 Cygnus A equipped with dual hotspots with gas production electron jet by Birkeland currents and gas transportation by Alfvén circuits.

The Nucleus of the NEW Black Hole.



A ball of Stringy particles compressed by the oscillation energy of the NEW Higgs vacuum Lattice= DARK ENERGY. The BH Nucleus itself is DARK MATTER.

Figure 6, nucleus of the new Black hole.

The OLD and NEW Black Hole differences.

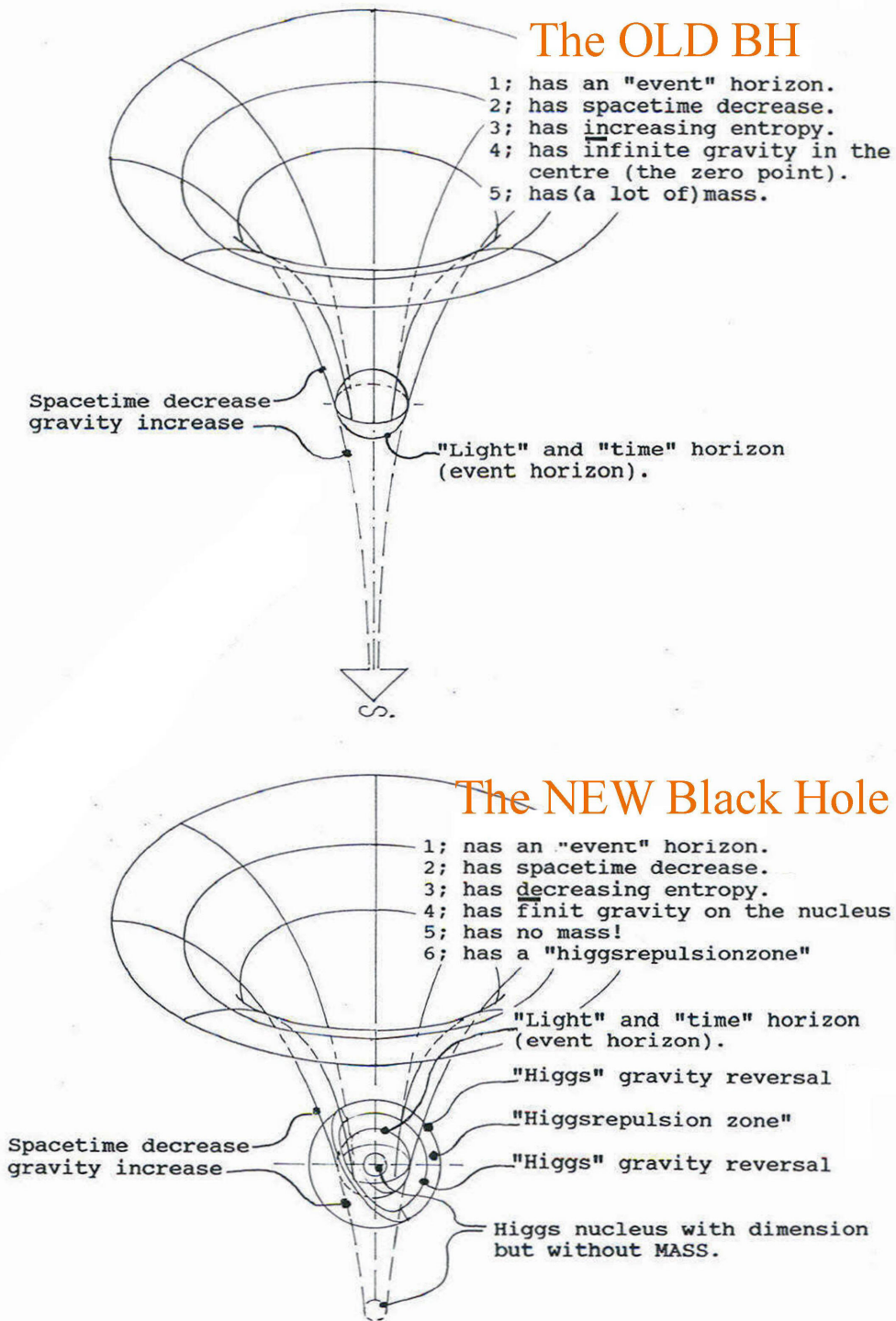
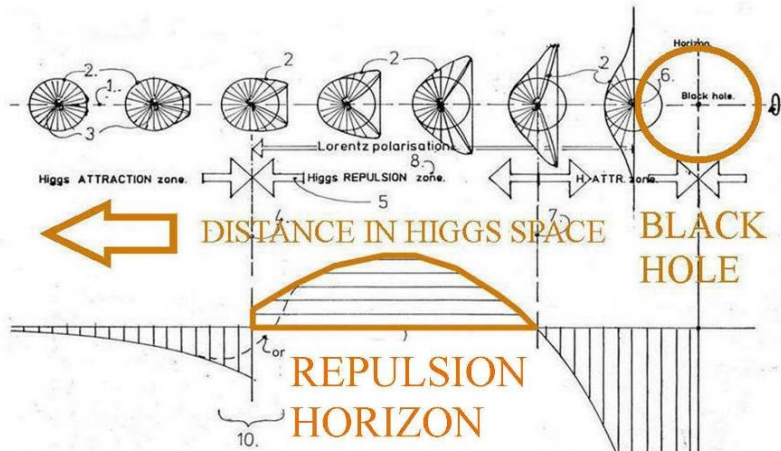


Figure 7, The difference between the old and new Black hole.

The Fermion repelling horizon of new black holes



7x Higgs quantum curves (2) are depicted for Fermions (3) with different distance to the BH horizon. At location (10) the spin of the fermions will FLIP due to the propeller shape of the Fermion and an opposing force away from the horizon is created by the Higgs vacuum itself down to location (7). The zone between (7) and (10)

Figure 8, Principle of Fermion repulsion around a Black hole according to Quantum FFF theory..

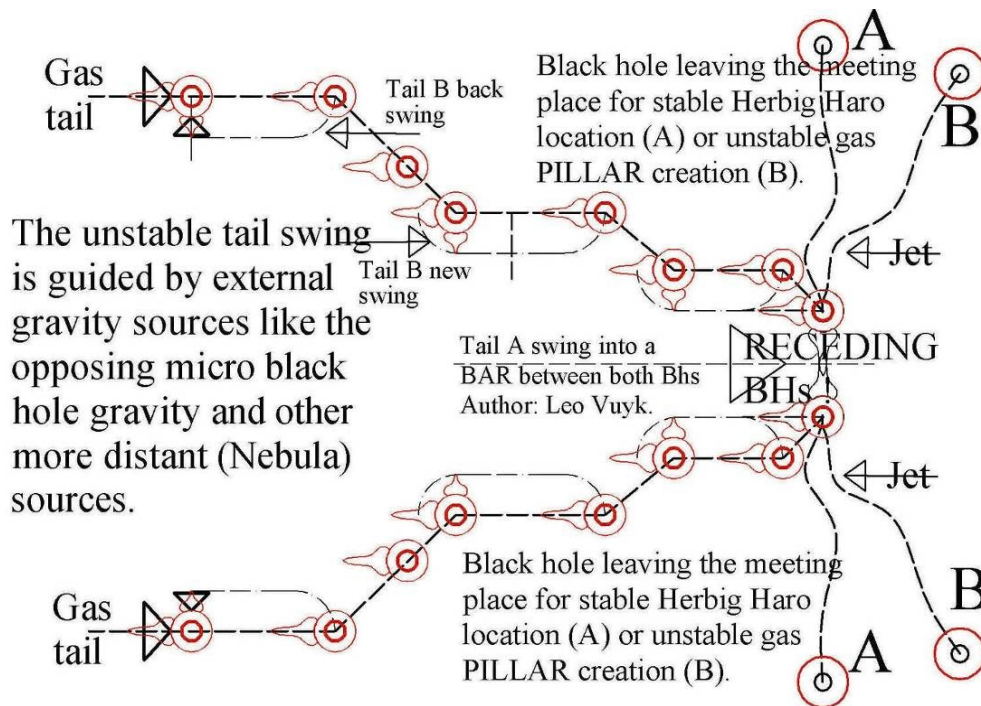


Figure 9, New Black hole propulsion by ion/dust tail, the dust Pillar creation and the pairing and spitting effect as observed in nebula like the Eagle and Carina nebula.

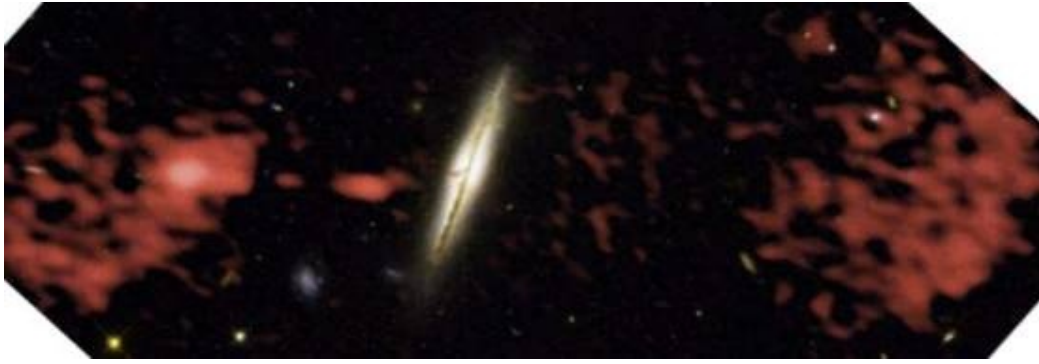


Figure 10: Galaxy 0313-192, Gas production by Galaxy Anchor Black Holes (GABHs)



Figure 11, Galaxy M82 Gas plumes.



Figure 12, Centaur A, GABH gas production combined with vacuum driven jet currents

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