

Research Article

Universe Is Collapsing Life Greater Than 92 Billion Years Present Age of the Universe Is 80 Billion Years

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Abstract

We find the mature Galaxies. The massive black holes; very close to the Big Bang. The Star older than age of the Universe. The Spread Galaxies. The Galaxies without black matters at the periphery of the Universe. We have 85% Black matters in present expansion of the Universe, in 13.8 billion years. This is the remaining 15% The life of the Universe; Collapsing after maximum energy expansion, in all infinite opposite directions: revolving- Clockwise and anti-clockwise; in circular Disks, from minus infinite to plus infinite and visa - versa forming homogeneous Cloud. Clouds revolving Clockwise and Anti clockwise in circular Disks, These Disks pilling -up and down revolving Clockwise and Anti clockwise forming Various Structures in circular Disks. Disks Moving in clockwise or anti clockwise directions Their Structures having same Radial distances. Those moving in opposite directions receding coming Close or going away those coming Close showing blue Shift Those moving away Showing red shift. Some multi-billion Sun mass-black holes near the Big Bang are Showing very high red shift they are showing red Shift of 14 are being taken Towards Doomed Singularity They are looking brighter. And opaque: The Temperature not sufficient to make zero Viscosity solid light, so we have 92 billion years as the life of the Universe. It is Collapsing we have 13.8 billion years as the remaining life of the Universe, So we have 92 billion yrs as life of the Universe, Present age of the Universe is 80 billion years -Collapsing after Maximum energy Expansion of 92 billion light years. Singularity: Tachyon: Branes: expansion in all infinite opposite directions.

Keywords

Big Bang, Maximum Energy Expansion, Spherical Spring, Contracting Universe, Remaining Age of Universe, Doomed Singularity

1. Introduction

Universe is" In collapsing phase': We Obtained, The 1st Image, of Black Hole. Few,(Two) Galaxies, without Black Matter. Almost all Galaxies, are having Black Matter. Our Universe has,"85% Black Matter". Is The Universe in Collapsing phase? Black hole; Primordial; Black hole; Primordial Black Matter; collapsing Universe.

2. Methuselah Star (H.D 140283)

Methuselah Star is 14.3 billion Years Old. It Is 190.1 million light years away, In Libra constellation [1]. Age of the Universe in micro wave background is 13.8 billion years, a serious discrepancy can be explained only by relatively: Expanding collapsing Universe.

Methuselah Star: (13.6 billion Light, spiral Galaxy +190.1 million Light Years Methuselah star = 13.79 billion Light yrs.

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present expansion of Universe) 13.8 billion Light Years, present Expansion of Universe; Contracting from 92 billion Light Years. Possibility- of more Methuselah like stars !

2.1. Expansion of Universe After Maximum Energy Expansion

Tachyon velocity decreases as the energy –gain (putting the limit on maximum Expansion energy, expansion of Universe.

Mature Galaxies near Big Bang: We are finding [2] the mature Galaxies, near the Big bang (as close as 300 millions years away) just 300 million light yrs, from Big bang, 'JADES-GS-z14-0' [2].

Farthest Known Galaxy [3]: MoMz-14; Is 280 millions years, from big bang (MoM-z14 is the farthest known galaxy discovered in the universe) with a redshift of $z = 14.44$ (placing the galaxy's formation, about 280 million years, after the Big Bang [3]). -- Stretching it towards Doomed Singularity.

Super massive Black hole:[6] J0410-0139 with mass, 700 Millions, of Sun mass. One of the oldest black hole is just 800 million yr From Big bang, 800 million light yrs) from big bang,(can't be the leftover of Big bang. [Analyzing J0410–0139's light, helps astronomers study, "the reionization process", a crucial event, that made the universe transparent to light.

We are having black matters, and black holes,(like pebbles) near The big bang. Black matter are cold, not reflecting light. We find -the single Star The spread galaxy, Galaxies- without black matter (at the periphery) of Universe.

The 'Diameter' of the Universe Is, 28 Billions light yrs: present, Expansion of Universe is 13.8 billion light yrs. The presumed, age of Universe is, 13.8 billion years.

Post Big Bang expansion - Collapsing- Black hole, Galaxy throw particles Waves (Gravitational); Strings, in all infinite, opposite, dimensions, in Collapsing Universe; after [11] Post BIG BANG expansion. There is the Quantum Vacuum Radiations (Hawking Radiation) and Virtual Particles [11] (Unruh's Effect), in 92 billion light yrs, in Relativistically Collapsing Universe.

Piling - Up and Down, in Contracting Sphere, with Axion, Boundary conditions, stringing with shift from anti – de – sitter (Ads) [11] to conformal field theory (CFT); springing concentrically, forming Wormhole, Quasar, black matter, black hole, galaxy, in 13.8 billion light years expansion.

570 million years, seemingly from Big Bang, 6 billion Sun Mass, amassing for doomed Singularity, Quasar throwing all gases, cold condensed Hydrogen, churning, Gravitating into black matter, Dimension churning, stringing, String wormholing, In Formation of tachyon (to other Universe) The Doomed Singularity.

Relative Expansion, of the Universe is in +11/-11 Dimension, in piling - Up and Down Circular Disks, of Concentric Circles, carrying Galaxies and other structures, in Close Contracting, Spherical Universe.

Universe Expansion, in -infinite to + infinite, increasing decreasing and fixed, radial distances of Structures [11] Schrodinger Equation, may define, the contracting Quantum Universe. Its Particles - Galaxies in Concentric Circles disks. Disks pilings - up and down.

Superstring; Supersymmetry; Supergravity; Boundary Conditions, are giving us the vision, of the Universe, in 11 dimensions, leaving Tachyon and other Dimensions, Missing, -Some rather large part, of the Universe, Energy loosing String: Tachyon to other Universe.

2.1.1. Collapsing Universe Theory

Eliminate - discrepancy arising, post- Big bang, expansion of the Universe. The Star -Older than Universe, Oxygen -detected in a Galaxy "JADES-GS-Z-14-0" [2], farthest, ever seen, is 300 millions light yrs away. It is not a baby Galaxy, It is chemically mature galaxy, we see this Galaxy -as it was When the Universe, was just, 300 millions years old.

"Singularity exploded": liberating Tachyon, Branes in infinite, opposite directions, revolving- Clockwise and Anti -Clockwise directions, from plus Infinite to minus infinite, and visa versa, forming, ionic Clouds: setting "All Boundary conditions'.

2.1.2. Universe Is the Spherical Contracting Collapsing Spring Like Structure

Lead to formation of clouds, and rotation, from plus Infinite to minus infinite directions, forming Particles. Particles rotating in opposite Directions, from Minus infinite to plus Infinite and Visa Versa in clockwise and anticlockwise directions, forming disks, Disks rotating in opposite directions" clockwise and anticlockwise' 'forming, various structures of the Universe. The Galaxies The black hole, The Quasar, Axion, The black matter, from Clockwise to anti - clockwise and Visa - versa forming spring like Contracting Spherical Collapsing Universe due to gravitation pull among, Structures of upper and lower Disks, giving birth to a spring of Spherical Universe, receding - from the maximum expansion of 92 Billion light yrs to the present Expansion of Universe, at 13.8 Billion yrs presumed Age of the Universe, the massive Black Matter, faster maturing Galaxies,- close to the big Bang.

The present Expansion of Universe- contains 85%of Black matter- in remaining 13.8 billion years, of the life of the Universe.

Thus, the life of the Universe is:

$$13.8 \times 100/15 = 92 \text{ billion yrs}$$

92 billion years, life of the Universe minus 13.8 Billions Year"s, the remaining 15%of universe life approaching“ 80 Billion years,' (Present Age, of the Universe) receding, from 92 Billion light yrs expansion to present Expansion of 13.8 billion light yrs, containing 85% black matter, with 15% remaining age of Universe is revolving in +11/-11 Dimensions, of Universe.

"The Head on collisions" of Galaxies, and Relative

Expansion, of the Universe possible in increasing; decreasing or fixed radial distances, demonstrate - Red shift or blue Shift or disappearing object. The object, near the Big Bang are showing very high red shift, as something pulling, stretching, - toward sucking the Universe: to Doomed Singularity: The Death of the Universe.

Physical Structuring of The Universe, Begin in The Collapsing Universe, after Big-Bang Expansion, followed by Collapse, with Continuous Relative Expansion, in +11/-11 Dimension. "Collapsing Phenomenon", is Universal, in Natural Lab of Universe; with increasing Black Matter.

2.1.3. Nearly Massless Particles Neutrino Are

In the Universe, they are very elusive, they don't interact with anything, they play deadly role, in the life cycle of Stars. They exist in three known types: electron, muon, and tau. Neutrino, interact weakly, make them impossible to collide. As the large Stars collapse, Neutrino, takes away thermal energy, leading to the contraction of star. This contraction accelerates the electron - to near the speed of light pushing the Stars to instability and Collapse. When the Neutrino scattered themselves Collapsing core of the massive stars are relatively cold and the neutrino are all electron flavor we may get the super nova explosion. We may have the Neutron star. Neutrino if have interaction with themselves electron neutrinos have all flavors this leads to rapid heating and melting of nuclei; most proton converts to neutrons. Collapsing Stars density becomes so high that the neutrino are trapped and collide with each other, Neutrino will be electron flavor The matter will be cold and the collapse will likely lead a neutron Star remnant, but if the Neutrino interaction if occur it will produce neutrino of all flavors Leading to "Neutrino Hotstar".

2.1.4. Galaxies at the Periphery

Galaxy [8] NGC 1052 DF2 is Certainly at the periphery of the collapsing Universe. It is without or with few Dark matters. It is diffuse, with dense collection, of stars 1/400 times the Galaxy with Dark Matter, is 60 million light years away, from Milky Way. NGC 1052 DF2 may go like Milky Way.

In NGC 6752 background. Bedin 1 [7] dwarf spheroidal Galaxy, 1000 times dimmer than Milky Way, is 2500 times away, implies 1000 times more black matter. Diameter 3000 light Yrs 1/30 of Milky way at 13 billion light years position. Universe is 13.8-billion-year-old. 13.8 billion light year position. fraction of the size of the Milky Way. Not only is it tiny, but it is also incredibly faint. These properties led astronomers to classify it as: a dwarf spheroidal galaxy that is as old as the universe.

NGC 1052 DF2, [8] Milky Way, NGC 6752 Bedin [7] are in Succession of their Evolution.

NGC 6752 is a globular cluster, and Bedin I is a faint, ancient dwarf spheroidal galaxy, discovered accidentally, behind it, by astronomers studying white dwarfs in the cluster Bedin 1, was found to be incredibly small and faint, only

about 3,000 light-years wide, and is considered a "fossil" from the early universe, potentially around 10–13 billion years old.

The collapsing Universe is Relativistically Mass accumulating Mechanism.

Diffuse Galaxy NGC 1052 DF, Transform into spiral Galaxy, Milky way -in Maximum 60 million Years. Milky way -into spheroid Galaxy in maximum 35 million years are in fixed radial distances in concentric circles.

Super massive Black Hole is not the left over of Big Bang Explosion; located 12.9 billions light yrs, from Earth with its jet pointing at us J0410-0139, the black hole, has Mass of 700 millions Sun, is one of the oldest, is just 800 million years -from Big bang This massive black hole just 800 million light yrs from Big bang can't be the leftover of Big bang-All must be Collecting the debris of the Collapsing Universe for-doomed Singular.

Different Phase In Galaxy's Evolution: Scattered Stars (Methuselah like stars).

Diffuse galaxy Spiral galaxy Spheroid galaxy Possible in +11/-11 Dimensions.

2.1.5. Probability of Multiple Fetal Universes

In a mega Mother Universe, do exist. Collapsing Fetus Universe giving space and energy for Big Bang of Expanding (Fetus Universe) in chain; keeping them in Equilibrium, Space and Time dimension remain same.

2.1.6. (De-) Accelerating Collapse of Universe

Expansion of Universe, 13.80 billion Light yrs, Milky Way 13.60 billion Light yrs position, Diffuse Galaxy at 13.60 + 0.06=13.66 billion Light yrs - approximately at the periphery Fermi bubble, between 13.80 and 13.66 billion Light yrs. Collapsing Universe contain 85% black matter. So, The 15% Remaining Age of the Universe is 13.80 Billion yrs, from (de-)Accelerating Collapse of 92 Billion light yrs. Bright Star [10] around 150000, observe, last century. May be, Time Star, moving in +11/-11 dimensions at the circumference, of the concentric circles, of circular disks, piling -up and down, in close, contracting, Spherical, Universe -or -at the Event Horizon, of black holes. These vanishing, bright, time stars, are at fixed radial distance from us.

2.1.7. Challenging the Continuous Big Bang Expansion of Universe

Mature Galaxies, Close to Big Bang, Galaxies, - 300 million yrs, from big bang (JADES-GS-Z14-0) [2] is a mature, Galaxy having Oxygen, Some are, dead Galaxies, [4] Just 700 millions years, from - post- Big Bang, Spotted by James Webb, Which are not possible, just after, Big Bang: Challenges "the Big bang, Theory" of continuous expansion.

Thus Universe, must be, Collapsing - after Homogeneous Expansion, In Infinite Directions, in 92 billion light yrs. Space, revolving, piling, Circular concentric Disks, in Minus- infinite to Plus infinite and vice versa (Clockwise and Anti Clockwise)

directions, forming gasses, Matters, Black matter with different Strength. Funnelling.

2.1.8. Doomed Singularity the Death of Universe

Funnelling, Starting with Gravitation, Pull, among Matter and black matter, pulling - everything towards Singularity, with stretching - high red shift.

Three red monaster, just 600 millions years, (91.4 billion years of (Collapsing Universe) from Big Bang These monsters, more than half the masses, as stars Considered, as Stars - in the Infancy of Universe. Three red monaster just 600 millions years, 91.4 billion years of Collapsing Universe preparing for Doomed Singularity appearing near or site of BigBang.

2.1.9. Dead Galaxy, "RUBIES-UDS-QG-z7" Spotted by James Webb [4]

Just 700 millions years, from - post Big bang Galaxy, may hold, One of the Universe, earliest black hole,(must never be seen in early cosmic time) - "red and dead" galaxies could form so early [5] ?The galaxy, named RUBIES-UDS-QG-7, packs over, 10 billion solar masses, into a space, only 650 light-years across.

JADES-GS-Z14-0, maturing at breakneck Speed, Galaxy, brightness and visibility, left - questioning the Standard model [2]. The finding, challenges, early Galaxies formation, did complex Galaxies, form earlier? Tachyon velocity decreases as the energy increase - gains, putting a limit, on the maximum energy, and hance -the expansion of Universe.

Super massive Black Hole, located - 12.9 billions light yrs from Earth, with its jet- pointing at us (J0410-0139) this is a blazar, the black hole, has Mass, of 700 millions Sun, is one of the earliest, is just, 800 million years, from Big bang. This massive black hole, just 800 million yrs, from -Big bang, can't be, the leftover, of Big bang.

It must be Collecting, the debris, of the Collapsing Universe, for doomed Singularity.

2.1.10. Supporting Big Bang Theory

AMORE6 [9], with, exceptionally low metallicity, could potentially, confirm, the existence of Population III galaxies, and offer strong support for the Big Bang theory [9]. The AMORE6 galaxy, was identified, through gravitational lensing, which enhanced the light, from this distant galaxy, making it accessible, for detailed study [9]. AMORE6's light originated at a time, when the universe was around, 900 million to 1 billion years old.

2.2. Equation

Life of the Universe

$13.8 \times 100 \div 15 = 92$ billionyrs

Present age of Universe 92 billion yrs -13.8 billion yrs=approx 80 billion yrs

3. Methodology

Universe has 85% Black Matter" collapsing phenomenon lead to formation of Black Matter". The massive black matters and black hole are abandon near the Origin of Big Bang. We find mature Galaxies, dead galaxies The Galaxies with high red shift of 14.4 as if stretching toward Doomed Singularity near Big Bang sucking the Universe.

Present Expansion of Universe contain 85% Black Matter" in 13.8 billion yrs of age of Universe for a Collapsing Universe This is the remaining 15%of of the Universe.

Thus The life of the Universe is $13.8 \times 100 \div 15 = 92$ billion years The present age of the Universe is thus The life of the Universe (92 billion years)- minus present age of Universe 13.8 billion years=approx 80 billion years.

4. Result

Universe is the dynamically, Asymmetrically symmetrical structure, Deterministic but with indeterministic approach, of human perception. Scattering Tachyon Velocity loosing as energy accelerate - gain: putting, a Limit to the maximum expansion of Universe, breaking Zero viscosity of light, for micro wave background, string [11] (Brane) in infinite dimensions, in circular, contracting disks. Disk piling - up and down, creating all Boundary conditions, whirling, wormholeIng - amassing particle, neutrino, fermions, Gama radiation, Gravitational wave, photon, star, star planet - system (Solar System), Black holes, Black Matter, Galaxies, (Colliding, shrinking in size) scattered stars, Methuselah, Diffuse Galaxy, Spiral Galaxy, Spheroidal Galaxy - changing shapes, with contracting Universe, and - relative expansion in increasing and fixed Diagonal distances in +11 / -11 Dimension, presently attaining, 13.80 billion light year expansion, from 92 billion light years expansion in 80 billion years.

JADES-GS-GS-z14: fast maturing Galaxy, with Oxygen, 300 million yrs, from Big Bang. MOMz-14: only 280 million years, from - Big Bang with 14.4 red shift, JD410-0139: With mass 700 million Sun mass, 800 millios yrs -from Big Bang. Galaxy - with red shift of 14 Stretching towards Doom Singularity.

Contracting Universe: must be Collecting the debris of the Collapsing Universe for doomed Singularity.

AMORE6: 800 million yrs from Big Bang with very low metallicity supporting validity of Big Bang [8].

5. Discussion

We find the Black matter, massive black hole - with billions of sun mass - near the Big Bang They can not be the residual product of big bang.

We find, the fast maturing Galaxies is seen - with Oxygen near - the Big Bang.

We are finding, the Galaxy, as near as - 280 million years, near - Big bang, the Galaxy -MoM-z14 moving fast towards "doomed Singularity" having red shift of 14.4.

We have the Black hole, near the Big Bang, with brightness as if the light is Solidifying with zero Viscosity.

"Collapsing Phenomenon" is generalise in Expanding contracting Universe, Structures moving in opposite Directions, revolving, gravitating, Giving - a Spring like Contracting, Spherical Universe.

With Big bang expansion of Universe is excepted to be Maximum as the Tachyon velocity decreases - with the energy acceleration - gain putting a limit to the maximum expansion of Universe.

6. Conclusion

Universe Expand Maximum after Big Bang became a Spherical Homogeneous Structure witch rotate in opposite, infinite directions, forming particles and then rotating in clockwise and anti clockwise directions in disks Piling -up and down structures gravitating, receding, forming Spring like Contracting Collapsing, Spherical Universe. The Galaxy, Black hole, Black matter near the Big Bang - are older with high red shift as being fast stretching towards Doomed Singularity.

The galaxy at the periphery are Younger Scattered with less or no Black matter, the Structure in between are giving various Phases, of their formation, and They Collapse, forming black matter and Black hole, sucking everything, around giving a vivid expression, of relative Expansion in Collapsing Universe.

Collapsing Universe gathering Black matter, the 13.8 billion years the remaining 15% age of the Collapsing Universe has 85% of black matter, thus the Life of the Universe is $13.8 \times 100 \div 15 = 92$ billion years. Hance Present -Age of Universe is 92 billion years minus 13.8 Billion years=approximately ~80 billion years.

Author Contributions

Anil Kumar Jain is the sole author. The author read and approved the final manuscript.

Conflicts of Interest

The author declares no conflicts of interest.

References

- [1] How can a star be older than the universe? By David Crookes published March 7, 2022 Available from: <https://www.space.com/how-can-a-star-be-older-than-the-universe.html>

- [2] Stefano Carniani, Francesco D'Eugenio, Xihan Ji, Eleonora Parlanti, Jan Scholtz, Fengwu Sun, Giacomo Venturi, Tom J. L. C. Bakx, Mirko Curti, Roberto Maiolino, Sandro Tacchella, Jorge A. Zavala, Kevin Hainline, Joris Witstok, Benjamin D. Johnson, Stacey Alberts, Andrew J. Bunker, Stéphane Charlot, Daniel J. Eisenstein, Jakob M. Helton, Peter Jakobsen, Nimisha Kumari, Brant Robertson, Aayush Saxena, Hannah Übler, Christina C. Williams, Christopher N. A. Willmer and Chris Willott. A&A, The eventful life of a luminous galaxy at $z = 14$: metal enrichment, feedback, and low gas fraction? 696 (2025) A87. <https://doi.org/10.1051/0004-6361/202452451>
- [3] A COSMIC MIRACLE: A REMARKABLY LUMINOUS GALAXY AT $z_{\text{spec}} = 14.44$ CONFIRMED WITH JWST. Available from: <https://arxiv.org/pdf/2505.11263>
- [4] Andrea Weibel, Anna de Graaff, David J. Setton, Tim B. Miller, Pascal A. Oesch, Gabriel Brammer, Audia D. P. Lagos, Katherine E. Whitaker, Christina C. Williams, Josephine F. W. Baggen, Rachel Bezanson, Leindert A. Boogaard, Nikko J. Cleri, Jenny E. Greene, Michaela Hirschmann, erRaphael E. Hviding, Adarsh Kuruvanthodi, Ivo Labbé, Joel Leja, Michael V. Maseda, Jorryt Matthee, an McConachie, Rohan P. Naidu, Guido Roberts-Borsani, Daniel Schaerer, Katherine A. Suess, Francesco Valentino, Pieter van Dokkum and Bingjie Wang, RUBIES Reveals a Massive Quiescent Galaxy at $z=7.3$ Journal 1 April 2025 Available from: The Astrophysical Journal. <https://doi.org/10.48550/arXiv.2409.03829>
- [5] Anthony J. Taylor et, CAPERS-LRD-z9: A Gas-enshrouded Little Red Dot Hosting a Broad-line Active Galactic Nucleus at $z = 9.288$ Available from: The Astrophysical Journal Letters (2025). <https://doi.org/10.3847/2041-8213/ade789>
- [6] Stephanie Baum, dawnandrewzinin, Meet the universe's earliest confirmed black hole: A monster at the of time. Published by University of Texas at Austin. Available from <https://share.google/luYJTmiFSVBibMICO>
- [7] Bedin -1-ngc-6752 Available from: <https://science.nasa.gov/asset/hubble/bedin-1-in-ngc-6752/>
- [8] Ngc 1052 Available from: <https://science.nasa.gov/asset/hubble/ngc1052-df2/>
- [9] Ancient galaxy amore6-Available from: <https://news.ssbcrack.com/astronomers-discover-ancient-galaxy-amore6-that-could-validate-big-bang-theory/>
- [10] Vanishing stars. Available from: Article Open access Published: 17 June 2021 Scientific Reports volume 11, Article number: 12794 (2021). Available from: <https://www.nature.com/articles/s41598-021-92162-7>
- [11] Solid light created for the first time It is brighter than Light by Marcelo C Available from: 29 may 2025 The Pulse.