

Major differences between the **conventional theories** and the Comedy-Recycling theory.

This is a brief listing of the major differences between the conventional theories (almost ALL of which are mostly the same) and the Comedy-Recycling (C-R) theory.

1.

Almost all conventional theories maintain that our universe is ISOTROPIC, or uniform and identical in all directions. This was “*evident*” by the Hubble redshift experiment, where more distant objects were measured with increasing redshift (unlike here, on earth). *After* correcting the observed data for the *assumed* Doppler shift, this was taken as evidence of *matching* expectations of sameness¹ everywhere else.

As a comparison, the C-R theory instead claims that the visual redshift data WERE accurate AS OBSERVED (*before correction!!*), as evidence of the time slowdown *imposed* over the universe by curvature. This is also evidenced by the blue-shifted portion of our universe, where TIME there runs *faster* than time here.

2.

Conventional theories require gravity to somehow account for the differences in

¹ The Theory of Relativity predicted/demanded that the universe (or space-time) was isotropic, or the same in all directions. **After correcting** the observed data, the Hubble red-shift experiment determined that everywhere else, conditions were just-like on earth. NOTE: Many more scientific theories could be **proved** correct if they too could correct their **observed** data to match expectations **before** the data were plotted and analyzed. Unfortunately, for them, the **truly objective** scientific method prevents that from happening. In Hubble’s case, however, **expectations** that the universe was expanding allowed **corrections for Doppler shift** to be applied **before ALL other possibilities** were ruled out. This small oversight, hidden in plain sight since the 1930’s, places the Comedy-Recycling theory in the position of the small boy pointing-out that the Emperor has no clothes, in the classic fable.

I will grant that, yes, if the universe is expanding, there would be a Doppler-shift red-shift produced as expected. I also would note, a gravitationally produced red-shift is an additional possibility.

HINT: If one also sees a region of increasing blue-shift, this is consistent with a region of our universe, closer to the center, with **lesser** gravitational curvature than on earth. This is **evidence** that this region is literally less-slowed-down, than we here on earth.

We are NOT ATTRACTED to that region, and we are not RUSHING TOWARDS it. This sounds suspiciously like “The Great Attractor”, with the irony that it is NOT ATTRACTING anything. In actuality, gravitationally, it is the highest energy (or MOST uphill) portion of this universe.

energy in matter dependent on location.

The C-R theory maintains that matter at different locations possesses different energies. In essence, matter carries its energy with it. External gravity DOES NOT create the energy difference when matter changes its location. Rather, energy must be added, or will be liberated as matter is moved between a lower-energy to a higher-energy position.

3.

Conventional theories require the photon to change its energy as it moves from a higher-energy to a lower energy state, or vice-versa. This is especially challenging when there are supposed to be about a billion (10^9) photons per hadron (the family of massive sub-atomic particles starting with protons and neutrons). This is especially complicated as there are assumed-to-be something like 10^{80} hadrons in the universe.

The C-R theory claims that the photon keeps its energy constant, as emitted, from the time it is radiated until it is absorbed. Instead of the photon changing its energy, the reference-frame of the *observer* changes. The universes 10^{89} photons ARE NOT each constantly re-adjusting their energies as they travel about at the speed-of-light.

4.

Most conventional theories have black holes that are assumed to collapse matter into a singularity at the center. ALL known laws of physics, and scientific equations FAIL at conditions much less extreme than the singularity. All ideas for the fate of matter falling into the singularity are based upon wild speculations.

The C-R theory KNOWS how to prevent the singularity. The idea is directly copied from the same RECYCLED idea used in the early 1900's to prevent the electron from collapsing into the proton (or proton-neutron combination) in the nucleus. Simply, the C-R theory changes the assumed basic nature of matter. (See the next few further Differences numbers for more specifics.)

5.

Most conventional theories rely on standard textbook answers about gravity, substantially in agreement with the original ideas from Sir Isaac Newton. Example: drill a shaft through earth's center and drop a ball down. The ball will drop and eventually come to rest at the center of the earth. (Accumulated speed and momentum may actually let the ball zoom past the center, but the ball will eventually settle back down to the center.)

The C-R theory has CHOSEN to believe in curvature as the CAUSE of the "effect" of gravity. What this means is, objects will fall ONLY to the point of MAXIMUM curvature. (As in the above scenario, the accumulated speed and momentum may actually let the ball travel past the minimum energy, maximum curvature region, but again, the ball will eventually return to the minimum energy position.) This is where potential energy is at a minimum. Ironically, at the center of the earth, where

conventional theory predicts a dropped object would fall-to, the potential energy is MAXIMUM on earth.

Unique to the C-R theory is the prediction that a ball dropped down a hollow shaft drilled through earth would ONLY FALL to maximum curvature, approximately the mantle-core boundary or about 2886 km below earth's surface.

Unfortunately, technical difficulties including excessive pressures and temperatures, and extreme cost to engineer equipment robust enough to face those conditions, will probably prevent the ACTUAL measurement of this phenomenon within the readers' lifetimes. This experiment would settle the claim once and for all.

As a cheaper alternative, but still too expensive for now, a hollow, screw-shaped tube partially filled with various density balls of matter could be "screwed down" through the solid matter and the mushy-putty-like hot-flowing matter eventually reached lower in the mantle, as one nears the core. Once the hollow tube "screwed-past" the maximum curvature region, the loose matter inside the tube should "fall" back to the lower-energy region, technically "up", still far from the earth's center. Two miniature TV cameras, each located inside the hollow tube, one at the top and one at the bottom, could transmit the results remotely back to observers comfortably residing on the surface of our earth.

6,

Conventional theories have black holes begin at the Schwarzschild radius, where the escape velocity first equals the speed-of-light. Presumably, the curvature INCREASES even further until finally reaching the singularity.

Only the C-R theory maintains that the curvature, starting at the Schwarzschild radius only exceeds the speed-of-light in a Neutral Zone ^{C-R}, a unique feature to a Comedy-Recycling brand name Black-Hole ^{C-R}. Further inside the Black-Hole ^{C-R}, there is an inner Schwarzschild radius. Further inside, there is an Active Zone ^{C-R}, where the curvature decreases (nearly) linearly to zero at the center. This exactly critical Active Zone ^{C-R} is an exclusive feature from the C-R theory.

7.

The black holes in conventional theories will swallow any matter available, including other black holes. Any excess electrical charge swallowed will still be "sensed" from outside the black hole. Any spin from rotating matter will be coupled-out.

From the C-R theory, Black-Holes ^{C-R} will preferentially sort and swallow sub-atomic particles of matter, by MASS. A Black-Hole ^{C-R} will infinitely-insulate, infinitely isolate and contain all electromagnetic-property information in a region termed the Neutral Zone ^{C-R}. Once the proton or proton-neutron has fully passed inside the Schwarzschild radius, the effective positive charge is no longer felt outside the Black-Hole ^{C-R}. This allows most electrons to escape.

NOTE: A hallmark of a C-R theory brand Black-Hole ^{C-R} consuming matter will be an excess of electrons. If this excess can not found around a Black-Hole ^{C-R} consuming matter, the C-R theory is false.

EXAMPLE: If our sun was powered by a Black-Hole ^{C-R} at it's center, and not primarily by

thermonuclear fusion, one might find spectrographic evidence of an (unexpected) excess of electrons, say on the photosphere, where hydrogen atoms are emitting their energy. One might find that as the hydrogen was heated to over 3500 K, instead of losing electrons and emitting light energy, the hydrogen atoms would GAIN an extra electron, and be SATURATED, each with an EXTRA negative charge. Since conventional theory DOES NOT expect that there will EVER be such an excess, why this double-negative ionization occurs should have been recognized as a GIANT ANOMALY, nature's way of suggesting that science does not understand a phenomenon as well as scientists claim.

Of course, since conventional theory does not expect this to be the case, if this phenomenon did happen it might just be IGNORED, or swept under the proverbial rug.

8.

Conventional theory does not have any concept of something-like the C-R theory's Neutral Zone^{C-R}. Other than the big bang, conventional theory only believes it understands the energy release mechanism of novas and supernovas, but does not yet have an understanding of Seyfert galaxies, active galaxy's, quasars, or gamma ray bursts. Conventional theories maintain that the big bang occurred, but do not understand a causative mechanism that provided the source of energy.

The C-R theory provides a fairly reasonable causative mechanism, increasing in magnitude, for the nova, supernova, Seyfert galaxy, quasar, and gamma ray burst (GRB). Each of these events represents a larger release and re-activation of some of the contents from a Neutral Zone^{C-R}. NOTE: Each of these events also provide a NATURAL cause to explain the origin of high-energy positive charges (cosmic rays). The self-repelling nature of a collective group of positive protons, simultaneously freed-up, can be exploited by nature.

9.

Conventional theories only allow entropy (the measure of disorder, or the run-down-nature of matter) to increase with time. There is no known way to overcome this property.

NOTE: The distinctly non-run-down nature of the matter and energy in this universe has been taken **only** as evidence that our universe is (relatively) young (13-18 billion years old), but not as evidence that this universe is perfectly suited to continually RECYCLE matter and energy using Black-Holes^{C-R} as a tool. This second (C-R theory) alternative NATURALLY reduces overall entropy. (Author's note: This is also one of the reasons for the "recycling" part of the name of the Comedy-Recycling theory.)

The C-R theory brand Black-Hole^{C-R} exploits the differences in the nature of two inverse square forces, **gravity** and **electromagnetism** to overcome entropy. Since the "effect" of gravity is produced due to the action of curvature, not by some form of electromagnetic (speed-of-light) radiation, gravity CAN be felt outside the Black-Hole^{C-R}. This is unlike electromagnetic radiation, which the C-R theory claims is contained,

infinitely insulated and isolated, within the Neutral Zone^{C-R}.

10.

Conventional theories mostly believe in the big bang as the actual beginning of the universe. Most maintain that our universe, as it is today, started off from a singularity some 13-18 billion years ago.

New for 2006, the C-R theory now concludes that our universe is somewhat static, infinitely old, definitely NOT EXPANDING, and not expanding at an expanding rate. The explanation of the increasing red shift with distance is that our universe is the inside Active Zone^{C-R} of a universe-sized Black-Hole^{C-R}. The time slows-down (linearly) from no-slowdown at the center, a moderate slowdown on earth, a 90% complete slowdown at some quasars, and a full slowdown by the outer Schwarzschild radius.

NOTE: The 2.7 K radiation attributed by conventional theory as the red-shifted remnant from the big bang is explained-away as the averaged radiation from all of the positive charges released-by all of the visible novae, supernovae, Seyfert galaxies, quasars, and gamma ray bursts.

Another difference would be, over time, the C-R theory's 2.7 K radiation is continually replenished, and therefore will never cool (lower in temperature) with increasing time. Even in 15 billion more years, the universe's background radiation will still measure 2.7 K from earth.

11.

Conventional theories maintain that, if our universe (as we see it now) was static (non-moving), it would inevitably collapse by gravity. Einstein himself struggled to find a solution to the "stability" of the universe. When he added his cosmological constant to his equations from relativity, he was able to imagine stability only with an expanding universe.

The C-R theory universe is perfectly stable, and the entire contents are stabilized in size by the density of matter. All matter and energy is stable, although both may recycle, interact, migrate, group, ungroup, radiate and absorb energy, magnetically interact, or linger about.

With the exceptions of the superimposed reference frame and non-expanding nature, the contents will appear identical to the contents we actually see. In short, our universe never had a beginning, and will never have an end. The contents do interact and recycle, using working parts, as seen today in our universe.

Our universe is a closed universe, contained (as an inside Active Zone^{C-R}) within the inside of a universe-sized Black-Hole^{C-R}. There is quite probably some amount of an extra-sized Neutral Zone^{C-R} immediately outside of our universe's Schwarzschild radius. There may well be a much larger Active Zone^{C-R} further outside that Neutral Zone^{C-R}, but it would not necessarily be detectable from our universe.

NOTE: The matter nearer the outer edges of the universe IS already at a lower energy state. Unique to the C-R theory, the matter nearer the outer edges of our universe would have to GAIN energy it DOES NOT HAVE in order to collapse inward.

This new, **non-Newtonian** thinking comes directly from believing and accepting curvature as the real CAUSE of gravity.

12.

Conventional theory regards our universe's beginning as a probable outcome of a nearly-random sequence of never-to-be-repeated, accidental occurrences, with some unknown condition triggering a big bang. Some, if not all of the sub-atomic properties of this universe could have been "held-hostage-to" the starting conditions. These same conditions may never occur again, if there is indeed a next time. No grand interconnections are perceived between the properties of elementary particles, linked-to the size of the universe*, and the observed properties of matter, stars, galaxies, or the universe as a whole.

[* The size of the universe is believed to be CONTINUALLY expanding.]

The C-R theory regards this universe as a self-enclosed, perfectly balanced, continually recycling system. The basic properties of the universe were ALL fixed from the (non) beginning, and the same matter and energy will exist forever. The properties of sub-atomic matter are intimately connected with [and exploited-by] the properties of the Black-Holes^{C-R}, and that interworking produces a finely-tuned system, crafted for infinite use.

NOTE: Because of the reciprocal (positive and negative) nature of the electrical properties of sub-atomic particles, even the temporary insulation and isolation of the positive charges while in the Neutral Zone does not negatively impact conservation of energy within this universe. Also worth noting: the very nature of the matter acquired by the Neutral Zone^{C-R} sows the seeds to it's eventual undoing.

Since there was never any rule-violating singularity at the beginning, the properties of matter were never subject to conditions severe-enough to **NEED-TO** change their basic properties. (Entrance into the Neutral Zone^{C-R} of a Black-Hole^{C-R}, and exit therefrom included.) This system-wide application for practical recycling, and the precise use-for even the basic sub-atomic properties of protons-neutrons and electrons in the grand scheme of things is un-expected by conventional theory, but utilized effectively by the Comedy-Recycling theory.

The Comedy-Recycling theory claims that this remarkable (continuous) self-recycling ability of this universe is not accidentally random, but IS EVIDENCE (although not PROOF) of a pre-planned nature, and also a Creator.

13.

Conventional theories virtually all suspect that the long term future of our universe (say at least 30 billion years in the future) is doomed to a cold-diluted, damped-out, burned-out, "used-up" nature, with no known remedy. The suggestion for the human imagination is that the extra-long-term future of humanity is certainly doomed.

(I have punfully termed this future dilemma as "Dilutions of grandeur".)

Looking at exactly the same universe, with exactly the same data, yet with remarkably different conclusions, the Comedy-Recycling theory's outlook is 100% different. The long-term future of this universe is assured, although, scientifically, the

same conclusion is not necessarily guaranteed for humanity. At least, it won't be the nature of the universe which dooms our future progeny.

The same cannot be said for the long-term fate of the earth and our sun*. Our sun may well have long-term issues which even the Comedy-Recycling theory cannot fix. Our earth may well last that long, but ecological issues accumulated from 15 billion future years of humanity's lifestyle, and the sun's level of energy output that far in the future are much less certain. Considering our accumulated knowledge, exponentially increasing in the last 10,000 years or so of civilization, considerable resources and ability may well be available with 15 billion years of exponentially accumulated additional knowledge and skills, practiced, applied, and in-use, to trivialize those last concerns.

[* The C-R theory does maintain that our sun's useful lifetime is probably much longer than the conventional (fusion-powered) 10 billion years. Seventy to 140 times as long of a lifetime would be possible using a Black-Hole^{C-R} as the power source. However: where in THAT lifetime we are now would be much less apparent.]

14.

Properties from matter inside a conventional black hole, both gravity and electromagnetism, are thought to be sensed outside the conventional black hole. The strengths of these forces are thought to remain the same whether matter was in normal space, or inside a black hole. This is summed up in the conventional quote, "A black hole has no hair."

NOTE: Conventional theories almost all expect that ALL electromagnetic forces from matter inside a black hole couple out (by tunnelling) just as effectively as gravity and spin.

The Comedy-Recycling theory originated after a different understanding of the nature of gravity. If you will, gravity is more-of an effect, produced by the action of curvature upon matter. This realization explains the reason that gravity is present outside of a Black-Hole^{C-R}. In essence, geometric-type curvature (of space-time) does emanate from a Black-Hole^{C-R} **without** the expenditure of energy, or electromagnetic-based (speed-of-light limited) gravitational radiation.

Notice that the Black-Hole^{C-R} confines and infinitely insulates all electromagnetic properties (information) about matter swallowed and kept in the Neutral Zone^{C-R}. All matter (and energy too) inside this Neutral Zone^{C-R} is real-time inactivated. No speed-of-light based interaction is permitted inside the Neutral Zone^{C-R}. This may not be entirely unexpected, since the escape velocity inside the Neutral Zone^{C-R} is first, equal-to, then greater than the speed-of-light. Because the matter inside the Neutral Zone^{C-R} cannot interact or communicate amongst itself, it is also forbidden (or unable) to communicate any speed-of-light based radiation outside the Black-Hole^{C-R}.

NOTE: Matter outside the Black-Hole^{C-R} is influenced by the curvature, so gravity outside the Black-Hole^{C-R} is not diminished.

SPECIAL NOTE: The Comedy-Recycling theory maintains that this difference in the properties of two inverse square forces, gravity (curvature based), and electromagnetic radiation, (photon based, restricted to the speed-of-light), is not accidental. Nature exploits this difference in the behavior between gravity and light at the (Comedy-Recycling theory brand name) Black-Hole^{C-R} to recycle matter and energy, and restore

entropy within the universe.

15.

Conventional theories have the black hole that begins at the Schwarzschild radius, where conventional theories become limited or even irrelevant.

The Comedy-Recycling theory has started adding the term IB³ to the front of Schwarzschild radius, to differentiate the action across this barrier. IB³ stands for *Insulation Boundary*, *Isolation Boundary*, and *Information Boundary*. These properties are a difference exclusive to the Comedy-Recycling theory. While all matter in the Neutral Zone^{C-R} is affected, the practical result is most apparent on swallowed protons (positive charges). These will be inactivated, forbidden from interacting, and isolated (in influence) from each other, and from all matter outside the Black-Hole^{C-R}.

NOTE AGAIN: The Black-Hole^{C-R}, in it's Neutral Zone^{C-R}, stores-up and packs-in, (in an inactivated state), the **ONLY KNOWN** force which **CAN OVERCOME** gravity under normal conditions.

16.

Conventional theories have no great expectation of electrical or ionic activity within the universe. Space was originally thought to be mostly neutral, low energy, non-energetic, and very uninteresting.

Only the Comedy-Recycling theory provides a causative mechanism to maintain that, on the contrary, everywhere in our universe one should expect to encounter evidence of tremendous electrical interactions. Every matter-eating Black-Hole^{C-R} should create excess negative charges (electrons) left behind as the heavier protons and proton-neutron nuclei are consumed and packed in to the IB³ Schwarzschild radius.

At the other end, when the contents of the Black-Holes^{C-R} Neutral Zone^{C-R} are finally freed-up, there should be evidence of highly ionized (and completely ionized) ejecta from novae, supernovae, Seyfert galaxies, quasars, and gamma ray bursts (G.R.B.'s). These results easily account for the presence of high-energy cosmic rays.

The presence of **POLARIZED LIGHT** should be taken as evidence of magnetic fields, and/or electrical currents. This should discount the notion of the overall neutrality of space.

(NOTE: At one time, I found a web site claiming the polarized light in one small region of space was visual evidence indicating electrical currents of at least 10¹⁹ amps. I could not find that again when I looked for it. If I can find it, place the link here.)

Earlier in 2007, I did find a NASA site stating that around Io, Jupiter's moon, they found a voltage of 400,000 volts across Io, and a current of 3 million amps from Io to Jupiter. Place that link here.

17.

Conventional theory predicts that there should be much more detection of neutrinos liberated as a by-product of fusion going on at the center of our sun. Additionally, every other fusion powered star should also be contributing neutrinos continually. Even with the expansion of the universe, should there not be an *Olbers' paradox for neutrinos

too?

*[I have been guilty of calling it Olbers' Paradox, since the C-R theory has been out. I either heard it dyslexically or read it wrong. Doing a Google search, I discovered that I had made a mistake. Sorry for the confusion. The principle was correct, but the spelling was wrong. J.R.]

One of my earliest predictions from the C-R theory would be the necessity of excess electrons freed-up as a Black-Hole^{C-R} consumed matter. I realized even then, in 1979, that if our sun was powered by a small Black-Hole^{C-R} at it's center, and not primarily by fusion, this would help explain the shortage of observed neutrinos. This might also explain the seemingly inexplicable relationship between the "modulation" of the number of sunspots and the collective orbits of the planets, something a fusion reaction should be entirely unaffected by².

Although it was known about earlier (by 1972), I just discovered the knowledge about the presence of excess electrons on the photosphere of the sun in the year 2006. In essence, **ALL** of the hydrogen atoms emitting light in the photosphere **GAIN an extra electron** from a source neither known or suspected by **conventional theory**. This is in contrast to hydrogen atoms on earth, in the lab. Well before hydrogen is heated-up to 4500-6000 K, the hydrogen gas ionizes, completely loses its electron(s), and emits light of a characteristic ionization-level.

Spectrographic evidence shows that on the sun, despite substantial heating, **ALL** of the hydrogen atoms in the photosphere **EACH gain an extra electron!!!!**

Only the Comedy-Recycling theory has a practical answer as to the **SOURCE** of these extra electrons. They are **EVIDENCE**, [or natures calling card, if you will], announcing that our sun is **primarily** powered by the action of a Black-Hole^{C-R} at it's center. The excess electrons released **provide** the ready **source** of the excess electrons shown spectrographically to be present.

Additionally, the C-R theory now proposes that our universe is fixed, in size, and relatively static, not expanding. This means that if all stars were emitting neutrinos at expected rates, there should have been an *Olbers' Paradox-like abundance of detected neutrinos.

In practice, this may mean that neutrinos that have been detected are much-more interactive with matter than standard theories would suspect. Standard theories predict that a stream of neutrinos should pass through a light-year thick slab of lead with only a reduction of 50%. If the neutrinos we do detect are not the primary byproduct of fusion energy powering our sun, but merely some residual fusion-energy produced near the primary power source, a Black-Hole^{C-R}, there may be orders of magnitude fewer neutrinos produced than expected. If so, the number of neutrinos detected may actually indicate that neutrinos are much more interactive than standard theory predicts.

² The effect of sunspot modulation by planetary gravity was noticed in the book, *The Jupiter Effect*, by John Gribben and Stephen Plagemann. The lack of a causative mechanism, especially how a very subtle change in gravity could modulate the intensity and direction of fusion, caused the authors to disown the idea in their follow-up book, *Beyond the Jupiter Effect*.

*[See my note above (in purple) about my use and spelling of Olbers' Paradox, when it should have been Olbers' Paradox.]

18.

Many current theories accept the notion that at least some of the radiation detected as coming from a conventional black hole is Hawking radiation. The Hawking radiation comes from the black hole selectively choosing from "virtual" matter created somewhere outside the Schwarzschild radius of a conventional black hole. If the black hole can select the proper anti-matter, and attract it inside the black hole, it can then disappear inside. Technically, the energy and mass inside the black hole evaporates, disappearing back into the nothingness, with the energy and mass remaining outside the black hole, freed. As long as the entire process takes less time/energy than the limit imposed by the Heisenberg uncertainty principle, the event is supposed to be allowed.

As the conventional black hole grows smaller, conditions grow more unstable directly outside the Schwarzschild radius. Virtual-pairs of particles created outside the black hole provide choices for the black hole to select from for "dinner". Only by making the right particle choices, a certain sized black hole can "evaporate" into nothingness in something like 10^{90} years. Not exactly fast, but quicker than a singularity would be expected to disappear on its own.

The Comedy-Recycling theory claims that although the idea for Hawking radiation is brilliant, it is also just plain wrong. An easy way to sense the error of the logic is to realize that, for any virtual matter and its anti-matter twin created outside the Schwarzschild radius, **BOTH** have already gained the same random amount of gravitational energy. The particle to be freed has gained this gravitational energy, and the particle to be chosen not only has this energy, but re-gains additional gravitational energy when falling into the conventional black hole. After re-gaining this gravitational energy, the chosen anti-particle then disappears into nothingness in order to satisfy Heisenberg's uncertainty principle.

The main objection is that conservation of energy is violated twice, if not at least 3 times. Additionally, how does a black hole sense then suitably select between a neutron or an anti-neutron. Both the masses and the electrical charge (neutral) are identical. If there is no easy and convenient way to pick and choose, then the black hole **DOES NOT** do so.

This is why the Comedy-Recycling theory has ruled-out Hawking radiation as a viable explanation. All radiation from Black-Holes^{C-R} comes exclusively from outside the Black-Hole^{C-R}. There is no evaporation of energy from inside the Black-Hole^{C-R}.

The C-R theory brand Black-Hole^{C-R} instead stores-up mass, charge, and energy in the Neutral Zone^{C-R}, and holds on to it until some external disturbance causes enough shifting of the Schwarzschild radius to free-up both the matter and energy, refreshed and re-concentrated. This allows entropy to be restored, literally, putting energy and mass back into a pre-expanded state.

Although I no longer believe a whole big bang would have been possible, in essence there are thousands, if not millions of simultaneous, "mini-big-bang-like" events, novas, supernovas, Seyfert galaxies, quasars, and gamma ray bursts. The self-repelling positive charges released should explosively expand-out, smoothing-out (eventually),

then averaging-out in all directions. Spread-out around the universe, over time, these remnants could provide an alternative origin of the cool 2.7 K radiation. Interestingly, because it is continually replenished, even many eons into the future, the 2.7 K radiation we observe now will not redden.

[As the author, I have debated whether to guarantee a DOUBLE your nothing back refund, [which you paid (free)], to read this copy of the C-R theory, if this no reddening prediction fails. A billion and a half years from now should settle the test conclusively. Please wait the FULL time before making a claim for a refund.]

19.

Conventional theories have no analog to the C-R theory's Active Zone^{C-R}. The conventional black holes are believed to have a singularity at the center. Certainly, the overall fate of a singularity cannot be explained by a simple extension of standard theories ideas. All known laws of interaction fail once the escape velocity equals or exceeds the speed-of-light.

Some modern conventional theories attempt to avoid the pure singularity using string theory to "spread-out" the singularity around a less-fully-collapsed, vibrating, ring-like path as an alternative to the point-like pure singularity. These theories still have to deal with conditions too extreme for speed-of-light based known laws of physics to cover.

As a manageable alternative to conventional theories, the C-R theory has a much simpler solution. There cannot ever be a singularity. Thanks to the Neutral Zone^{C-R}, the region that exists wherever the escape velocity exceeds the speed-of-light, the only deviation from "standard laws" needed is that **ALL ELECTROMAGNETIC** properties of matter and energy which permit "interaction" are **TURNED-OFF** (inactivated). Matter and energy still exist, but all interactions are forbidden, or to be more precise, turned-off and prevented.

NOTICE: Inside every C-R theory Black-Hole^{C-R} there **IS** an exactly-critical (closed-off) Active Zone^{C-R}. The simple property of the inner Active Zone^{C-R} is that the total density must be sufficient to close-off that inside Active Zone^{C-R} at an inner IB^3 Schwarzschild radius. Additionally, since the curvature nearer the inner Schwarzschild radius places matter there "more downhill" energy wise, that matter **CANNOT COLLAPSE** without gaining additional, unavailable energy. Since this matter does not have, and cannot obtain that energy, further collapse inward is prevented. This means that size-wise, the inner Active Zone^{C-R} is fixed, and fully stable over an infinite time. The amount of matter and energy contained inside the Active Zone^{C-R} is **FIXED** and unchanging with time. The average density is also set, and does not vary with time.

NOTICE: The C-R theory alternative is much more "friendly" to the known laws of physics, with a temporary property-turn-off in the Neutral Zone^{C-R} the only needed modification. The overall operation in the universe thus becomes much more "human friendly" to our understanding.

In simpler words, the properties of matter in this universe were "designed" to not only **avoid** the singularity, but to **exploit** the conditions encountered in the Neutral Zone^{C-R}. In short, the C-R theory needs a much-simpler leap-of-belief, (and 5 fewer violations

of conservation of energy) to allow us humans to fully understand most of the operations in this universe.

NOTE: The basic properties of matter in a C-R theory-type universe were never subject to any extreme or random fluctuations in starting conditions which would have been encountered when beginning inside a singularity. Matter and energy properties were not subject to changing with a random-starting state at a big bang, and there never were any different conditions “before” the big bang to worry about, either.

20.

Conventional theories are based on a simple premise that the speed-of-light is EXACTLY the same everywhere, and that all properties of matter (and energy) are isotropic, or the same in all directions.

The C-R theory now understands this universe as non-isotropic. There is a necessary reference-frame superimposed over matter within our universe. The most energetic matter, with the least-slowed-down curvature, will be at the center of our universe. This place can be recognized as the most blue-shifted location in the universe. Conventional theory has nicknamed this location as the “Great Attractor”. The C-R theory alternative is that, rather than attracting earth (and everything else around us), the matter there is at a higher energy level than anywhere else.

Further outwards from the center, we will reach the portion of the universe where earth resides. We are less energetic than matter at the “Great Attractor”, but much more active than matter further outwards. Proceeding to lesser energy locations, we will encounter matter with redshifts slowed-down by 90% to 95%. Eventually, we reach the location everywhere around us as the “source” of the 2.7 K radiation. Slightly even further out, we should finally come to the IB^3 Schwarzschild radius. If we were permitted to travel further outward (We would not be able to do so if we were made of matter and energy.), we might encounter a Neutral Zone^{C-R}. From the inside Active Zone^{C-R} of a Black-Hole^{C-R}, we would have no practical (or impractical) way to detect one. Speculating slightly, our entire universe may be somewhere within an even larger Active Zone^{C-R} further outside our universe,

Surprisingly, there may be a way to “detect” some part of the presence of that Active Zone. Remember that the C-R theory allows a “preferred” reference frame to be superimposed over our universe. I said that the “minimum” curvature would be at the center (a.k.a., the great attractor). It may be possible, someday to place humans in a gigantic grid inside our universe, and measure precisely distances, angles, red-shifts and blue-shifts and then compare the mutual observations from each observation post to each other post. If we can then detect any amount of “extra” imposition of curvature in a preferred direction, it will likely be the result from some contribution from an external Active Zone^{C-R}.

This extra reference frame would be somewhat similar to an inner Active Zone^{C-R} inside a Black-Hole^{C-R} somewhere with a 90% red-shift with respect to earth. At the exact center of that Active Zone^{C-R} (there), the overall “minimum” there will still be 90% red-shifted as compared to earth.

Technically, in smaller Black-Holes^{C-R} there are unlikely to be intact humans similar to us, as the Active Zone’s^{C-R} there are more likely to be completely solid or liquid on

that smaller scale. While not insisting so, the C-R theory cannot dismiss the possibility that our universe is a “smaller” inside Active Zone^{C-R} somewhere inside an even larger Active Zone^{C-R}. If there is an outer Active Zone^{C-R} to our universe, it almost certainly will be “insulated” by some size of a Neutral Zone^{C-R}, unmeasurable by present methods available to us.

I cannot rule out the exponential increase in future knowledge and techniques which our progeny may possess in the eons to come. Many things people in the past claimed would and could never be detected and measured are known to us. Faster than light travel may someday be possible, and it may also be possible to tap in to existing communications between far-off civilizations. This may yet allow us to discover things unknowable by today’s standards, possibly without even needing us to ask the questions, but just “tap” into the line.

21.

Conventional theory allows gravity to essentially determine the ultimate fate of everything. Any bigger object should eventually consume every smaller object, if given half a chance.

The C-R theory maintains that gravity is strictly limited. It is - essentially - an effect. This effect is entirely at the mercy of the “state” of matter being attracted. Once all real-time has been turned-off within matter, gravity loses all further influence. Elsewhere, within the C-R theory, I have joked that gravity is like seniority, no time - no pull.

The easiest test of this should be: No Black-Hole^{C-R} should be able to capture, trap, and consume another Black-Hole^{C-R}. This follows directly from: Matter within a Black-Hole^{C-R} is **ALREADY** at its gravitational minimum energy.

SIMPLE ANALOGY: Could an ice cube at absolute zero cool off another ice cube also at absolute zero? No, because both are already as low-energy, temperature-wise, as they can go.

Second simple analogy: Will a perfect vacuum empty or deplete another perfect vacuum? No, again, both are as low (content wise) as they can get.

In the same manner of thought, each Black-Hole^{C-R} already represents matter at its gravitationally lowest energy possible. Since gravitational attraction **ONLY WORKS** by lowering the energy of the matter it attracts, once all real-time is gone (turned-off), additional attraction is gone, too.

POSSIBLE FUDGE FACTOR: Since every Black-Hole^{C-R} has a completely enclosed Active Zone^{C-R} at its center, I cannot fully rule-out the possibility that some “hungry” Black-Hole^{C-R} will someday devise a method to snack-on its kin. Doing so would definitely upset the existence of the Neutral Zone^{C-R} around the Active Zone^{C-R}.

As a practical matter, I would state the possible existence of 10,000 potential Black-Holes^{C-R} within the central 3 light-years of our galaxy’s center should provide ample evidence of whether a “feeding frenzy” of Black-Hole^{C-R} cannibalization is ongoing. Conventional theory should neither expect nor predict such dining moderation.

22

Conventional theories base their understanding of the universe predominantly on existing equations, Once the equations are understood, the theories extrapolate to try to

understand our universe.

The Comedy Recycling theory was based on a new understanding of “Why gravity is just as strong outside a Black-Hole^{C-R}”, and real-world look at the properties actually seen in our universe. It was not based upon existing equations.

NOTE: Another difference is that the C-R theory does not follow-from, and is not obvious from studying existing equations. The C-R theory insights are not based on the obscure inter-relationships between the families of sub-atomic particles subjected to high-energy collisions, nor upon the supposed extremes encountered at a suspected singularity.

The C-R theory is based upon simple logic, extended in the least-complicated manner possible, and on parallels to known phenomenon, long accepted as understood. The C-R theory also re-examined areas long ago abandoned by standard theories, and re-considered ideas universally rejected today. Since ALL conventional theories know, “it doesn’t act that way”, they weren’t looking at all where the C-R theory “found treasure”.

ARE THERE MORE DIFF’s? Should any be sub-divided or re-numbered?

Do you wish to keep all the text below, or move it elsewhere?

These last 22 differences should highlight the important areas where the Comedy-Recycling theory differs from standard theories. Many individual theories may not share all traits with standard “conventional” theories, but collectively, standard theories share a near-common base of knowledge, assumptions, and beliefs.

I wish I could state as a known fact that the Comedy-Recycling theory was true, and all others were false. Alas, I cannot (or I could, but it would not be true). However, I cannot rule-out the possibility, either, based on my present knowledge about ALL known phenomenon, experiments, and viewpoints. Admittedly, the modern observations have interpreted what is actually been seen, measured, and detected within a “big bang framework”. The C-R theory views these same events and objects using a different set of assumptions.

(My next project, not yet posted, will be a Chart of comparative ridiculousness. I will attempt to ask, within a framework of common, scientific logic, whether the C-R theory, or it’s conventional theory competition actually has a more ridiculous set of beliefs. The average reader can suspect where my personal bias lies. The above section of differences could be “distilled” to anticipate the major offerings. Note: I will remove this section within the parentheses when I post that new section.)

I invite the average reader or even the “C-R theory-cynical” professional to test every idea proposed by the C-R theory, and to challenge your current beliefs. Test every future observation of events from space, and ask, are these new discoveries compatible to expectations from the C-R theory, or does anything contradict what the C-R theory proposes? I welcome a 50 year scorecard, for the next 50 years of observations.

I have revised some portions of my thinking and my understanding of the C-R theory since it’s origin in early 1979. While I have continually read of new observations that I

had never suspected, I also have been amazed by how close ALL observations have been to what the C-R theory might expect, or could live with.

I would encourage the C-R theory reader to consider our universe, our home, as a complete ecological system, working normally, as we observe it. I believe I can understand our universe much better, personally, using the C-R theory, than with any combination of any competing theories I've encountered.

I do not expect the average reader to turn-about and immediately embrace the C-R theory concepts, but to reject them as too far away from what you've been taught. I too, had that initial reaction, so I can easily sympathize with that as a starting view-point.

My goal is to present the C-R theory as simply and rationally as I can, pointing out every advantage I can find. I honestly cannot think of even one observation which I need to obscure, blur, or bury to distract you, the reader, from discovering. (If I do, will I obscure it, or post it to negate my last 28+ years of hobby-related ideas? I do not know.)

There may well be some weaknesses in my logic or understanding which will become evident upon exposure to presentation to 7 billion potential skeptics. I cannot claim that it has survived such an onslaught, merely an onslaught of obscurity or perceived irrelevance.

I seem to uncover at least one new gem, apparent from C-R theory logic, every 6 months or so. There may well be many more hidden ideas, some hidden in plain sight, which the observant reader can discover before I do.

I could probably accept in my mind that the C-R theory was wrong, if events or observations demonstrated so. What is very difficult to believe is, if the C-R theory is wrong, why does it seem to have such great insight and such predictive power? Why does the universe seem to conform to C-R theory expectations, as observed?

There is an old joke, attributed to Neils Bohr: "Professor, we all know your theory is crazy. The real question is, is it crazy enough?" No-one reading the C-R theory will need to inquire about the last part. (Also, I am not a professor, just an inquisitive amateur cosmologist, as a hobby. As some would collect stamps, coins, or insect specimens, I created, nurtured and embellished a simple theory of the universe.)

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