



RESISTANCE IS FUTILE

Succumb to a Poetic take on *STAR TREK*

**JANET
KUYPERS**

3/20/14 Chi-Fi Convention show

Red Matter

JANET KOOPERS
(WRITTEN 1/13/15)

Try to understand everything in the Universe.
I dare you.

Even the science geeks
at every high-tech lab in the world

can't explain how matter can function
the way it does in our Universe.

The only way they can explain it all
is by making up some invisible

“stuff”

and only guess it's properties
by seeing how it affects everything around it.

Sounds crazy, no?
Well, you might be right

but at some point in the game,
when you've done all the experiments

you can think of,
it's *then* time to start coming up with theories.

Like the Big Bang Theory.
When you look for more evidence

to support your theory
(which they've done),

the Big Bang Theory
starts to seem less and less like a theory.

Well, it *has* to be a theory,
no one was there when the Universe started,

but as those science geeks
collect more and more evidence,

we start thinking of the Big Bang Theory
as probably the closest thing to the truth.

Well, those scientists have been
at it again, they plot stars, galaxies

and they see everything
speeding away. and they think,

wait a minute, even though gravity
is weak, our Universe shouldn't be

flying apart. It makes no sense.
So the only thing they can come up with

as a theory, to explain it, is that there's
some invisible matter driving everything apart.

And one scientist happened to say
the words "Dark Matter"

and, although the phrase makes
no sense, it stuck.

A bunch of things
we can't explain,

lets lump it into this elusive
Dark Matter, and Dark Energy.

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But what if this elusive darkness
yielded something so red-

fiery-hot

that instead of making
our Universe fall apart,

it crammed all that energy
into a black hole?

Let's come up with a term,
let's call this hot stuff "Red Matter";

ignite the stuff
and watch it turn whatever it touches

into a black hole?

I mean, one drop of the stuff

could be enough to collapse a star,
or consume planets.

You know, this might be the cool part
of being a scientist,

when you've learned all you can
with what technology you have

you come up with theories and look
for evidence to support the fantastic.

Who knows, maybe this stuff was created
by a species we've never found,

like, an intelligent Vulcan race
who relied on logic to accomplish so much.

Maybe it was created
with a rare isotope of Lithium —

let's call it "Decalithium" —
and this Red Matter was first used

to collapse a star that was about to go
supernova, into a quantum singularity,

or a black hole.

You see, anything is possible
when it comes to theories,

so, be like that Vulcan mind you imagine —
logically look for solutions

and you'll be surprised
at what you can discover.

Outer Space and the Sound of Silence

JANET KUYPERS
WRITTEN 1/13/15 (1/13/15 IST)

The one thing
astronauts talk about
when they speak of outer space
is about the deep blackness of the universe.

That without
our atmosphere giving
the sun particles something to bounce
off of, the vastness of space is an empty void.

But the one thing
they never talk about
when they speak of outer space
is the sounds they hear when they're out there —

who knows, maybe
they're too preoccupied
seeing through the universe,
maybe they're only hearing their heavy breathing

while trapped
in their space suit.
Maybe all they hear is the
motion of their bodies against the sides

of their mini-
atmosphere in this planetary
existence created for each astronaut in their suit.

And sure,
Captain Kirk
or Jean Luc Picard
may not have needed space suits
when commanding the star ship Enterprise

because each ship
was it's own little planet
with a fully-supported ecosystem
but the question begs itself: how could sound

travel through space?
I mean, I know light does,
how else would we see sunlight
travel through space to get to planet Earth?

But sound,
that's a whole different
ball game, so to speak, sound waves
travel like light or heat waves, be here's the catch:

sound travels
by making molecules vibrate.
If there aren't any molecules in outer
space (or too few to make any difference), sound

can't travel.
Now, I know it's all acting,
and I know the whole crew has to
all lean the same way when the ship gets hit.

but the one thing
that the directors want,
and the sound effect guys have to
add in post-production, is to give movie-style

explosions.
And *that* probably goes over
the top. We've suspended reality
with every ship's gravity, and we even accept

transporters
duplicating any person,
down to every molecule including
their clothes, to magically be re-assembled

somewhere else.
(which only existed
because in the original shows
they didn't have props for travel, so they

just made up
the "transporting" idea.)
So over the years we've been willing
to suspend our beliefs for science fiction,

and I know
some places claim to hear
noises from our sun, but they're
actually inferring the vibrations *within* the sun,

which generate sound
so low humans can't hear it —
that they have to speed the sun's vibrations
by fourth-two thousand times, so forty days

of vibrations
are converted to five seconds
so that we humans can ascribe
sound to anything outside of our atmosphere.

Because resonances
inside our sun is sound
bouncing through the gases *inside*
of the sun, not the sun relaying music to our ears.

So okay, Gene
Roddenberry, we get it,
make the mystery of outer space sound
bigger than life by giving us a sense we lose in space.

And Jean Luc Picard,
and you too, James Tiberius Kirk
we'll thank the Foley artists as *well* as the actors
for giving us more than science alone ever could.

Eugene's limit

JANET KOOPERS
(WRITTEN 1/23/15)

Just read an article
from the daily *Times of India* newspaper
that relayed the theory
that an interstellar-style wormhole
may exist in the Milky Way.

That there's this "teleporting" tunnel
we could magically step through
that just pops us out,
somewhere else in the Universe.

But really,
a wormhole's just a theory
with a catchy little name
that has no basis in reality.

And no one's ever found a stable wormhole —
even Data and La Forge left the Barzan wormhole
after discovering how unstable it really was.

So I guess *Star Trek* has to settle
for going beyond the speed of light
with their precious warp drive...

And you know, scientists have only now
been able to finally figure out how
to slow *down* the speed of light —

(warning, science content:
researchers say that applying a “mask”
to an optical beam,
which would give it spatial structure,
can reduce it’s speed
an infinitesimally small amount
from that beautiful constant.
299 million,
792 thousand,
458 metres per second...)

And if all we’ve been able to do
is try to slow *down* the speed of light,
how will we ever get to Eugene’s limit
of warp ten?

You know,
it’s really cute,
how we come up with names
for scientific discoveries,
“The Big Bang” wasn’t a bang
when there wasn’t any atmosphere
to allow sound to travel;
“dark matter”
isn’t dark at all,
it’s just a name one scientist said
that for some reason stuck;
“Eugene’s limit”
is an homage in *the Next Generation*
to Gene Roddenberry
who thought that warp drive
shouldn’t go past ten...

Yeah, thanks to Gene Roddenberry,
by the 24th century, *infinite* velocity
was the unattainable warp factor ten.

But wait a minute,
let me get back to the science here,
because when it comes of those science geeks
who come up with these theories
like the Big Bang or dark matter,
they try to bring *Star Trek* into the real world...

They're trying dilithium now
to try to increase speed
for distance travel
for a future journey to Mars.

And I don't know how many years
scientists have been trying to transport
even an atom
to anywhere else in the world...

But you know,
with these scientist's minds out there...
well, the writer Gene Roddenberry
may have come up with a warp drive limit,
but when scientists are taking their cues
from the *Star Trek* world,
the sky
may *not* be the limit
any longer.

Utopia Planitia, Titan and the Kuiper Belt

JANET KUYPERS
9/13/15

I'm such an astronomy geek
that when Pluto was demoted from planetary status,
Janet *Kuypers* here was pleased
that Pluto was an icy ball
from the *Kuiper* Belt...
But I'm getting a little bent out of orbit
whenever I hear astronomical info
and find that *Star Trek* mentioned it first.

Got a globe of Mars,
and when I squinted and read
the name of the northern ice cap,
Utopia Planitia,
I remembered how the Enterprise-D
was *built* on Utopia Planitia...

Or after hearing how astronomers
like to study Saturn's moon Titan
(because it has all of the elements
of *Earth* when it *first* became a planet),
that's when I hear on a *Star Trek* rerun
how ensign Wesley Crusher for training
did a Yeager loop *around* Titan.

We're trying to figure out
how to fly anyone on a one-way trip to Mars,
and two Enterprise ships were *built* there.
We're trying to learn
about Earth's history from Titan,
and a young pilot is doing tricks
around that moon,
just to be a show off.
Well,
we might not have
warp drive on our side,
but if our scientists
take their cues from science fiction,
then we're catching up to *Star Trek*,
and *any* character from that show
won't match *our* knowledge of the final frontier.

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Books:

Hope Chest in the Attic, the Window, Close Cover Before Striking, (Woman), Autumn Reason, Contents Under Pressure, the Average Guy's Guide (to Feminism), Changing Gears, the Key to Believing, Domestic Blisters, etc., Oweva, Exaro Versus, L'arte, The Other Side, the Boss Lady's Editorials (regular and 2005 Expanded Edition), Duality, Seeing Things Differently, Change/Rearrange, Death Comes in Threes, Moving Performances, Six Eleven, Life at Cafe Aloha, Creams, Rough Mixes, The Entropy Project, The Other Side (2006 Edition), Stop... Sing Your Life, The Beauty and the Destruction, cc&d v167.5 (Writing to Honor & Cherish, editor edition), Blisters & Burns (the Kuypers edition), S&M, cc&d v170.5 Distinguished Writing: editor edition, Living in Chaos, Silent Screams, Taking It All In, It All Comes Down, Rising to the Surface, Galapagos, Chapter 38 (v1, v2 & v3), *Finally, Literature for the Sooty and Ello (v1, v2 & part 1)*, a Wake-Up Call From Tradition, (recovery), Dark Matter: the Mind of Janet Kuypers, Evolution, (tweet), Get Your Buzz On, Janet & Jean Together, po-em, Tapping Poetry to the Streets, the Con-Dixie Chi-town Band, the Written Word, Dual, Prepare Her for This, Uncorrect, Living in a Big World, Pulled the Trigger, Venture to the Unknown, Janet Kuypers: Enriched, She's an Open Book, "40", Sexism and Other Stories, the Stories of Women, Prominent Pen (Kuypers edition), Elemental, the 2012 Datebook, Prominent Tongue, Chaotic Elements, Fusion, Stability Stability Stab Stab Stab, a Picture's Worth 1,000 words (color art book and bk&w art book), Ink in Color: Post-Apocalyptic, Burn Through Me, Under the Sea (photo book), Partial Nudity, Revealed, 100 Haikus, Give me the News, Let me See you Stripped, Part of my Pen, Rape Sexism Life & Death, Say Nothing, Withertout, when you Dream tonight, Give What You Can, Down in the Dirt #094, Come Fly With Me, Clearing the Debris, Sectioned & Suspended, Six Six Six, Skeletal Remains, Out of the Web, Don't Trust an Me, Lines of Intensity, Entering the Ice Age, When the World Settles, Into the White, Along the Surface, Life... from Nothing, the Line to Power, Fear the Forsaken, Down In It, Falling Into Place, Wake Up and Smell the Flowers, Unknown, Looking Beyond, Forever Sound, See the World Burn, Exploding on the Scene, America the Lost, Moving the Earth, Catch Fire in the Treetops, Wisdom in Broken Hands, Autumn Again, Up in Smoke, Symbols Manifest, No Return, Grounded, Perfectly Imperfect, Wrapping It Up, I Pull the Strings, a Link in the Chain, Shot out of a Cannon, am i really existin, Home at Last, Invisible Ink, a new era, Idols, Friction, See Drift, Sulphur & Sawdust, Slate & Marrow, Blisters & Burns, Rise & Repeat, Survive & Thrive, (not so) Warm & Fuzzy, Torture & Triumph, Oh, the Elements, Side A/Side B, Balance, Chaos Theory, Writing to Honor & Cherish, Distinguished Writing, Breaking Silence, Unlocking the Mysteries, the Book of Scars, We the Poets, Life on the Edge, Revealing all your Dirty Little Secrets, Decepti Remains, Charred Remnants, Hope & Creation, Bending the Curve, Layers of Creation, Dark Matter, Survival of the Fittest, Crawling through the Dirt, Laying the Groundwork, Weathered, echo, ink in my blood, (bound) (4 editions), Enriched Poetry, cc&d Enriched Prose, Enriched with Dirt, An Open Book, Literary Town Hall (2 editions), Prominent Pen (2 editions), 100 Words, the 2012 Literary Date Book, It Was All Preordained, Cultural Touchstone, the Mission (issue edition and chapbooks edition), Purpose, Falling, Chop Thrills, After the Apocalypse 2013 (site book), After the Apocalypse (poetry edition), After the Apocalypse (prose edition), Entanglement, Guilt by Association, don't Forget it, don't let it go, bare minimum, Post as Sociopath, Drawing, Art is not Meant to be Touched, Intimacy in our Primes, Anais Nin: an Understanding of her Art, the Electronic Windmill, Changing Women, the Seven Road, the Significance of the Frontier, the Svesvesture Upturned, Harvest of Gems, the Little Monk, Death in Midage, Moments in Time, in the Palace of Creation, R.I.P., Bob the Bumble Bee, Remnants and Shards, I Saw This, the Drive, Thomas at the Tree, Cracking Down Heartbreak, Blue Collar Ballet, rapson, In Your Heart the Apocalyptic's Upgrades of God, the Adventures of the Key to Believing Bear, Anis Nin: an Understanding of her Art (second printing), *Deardred Under / Charis Newman*, 12 Times 12 Equals Gears, a Marble Nude Paolina Bordessa with a Marble Apple in her Marble Hand, Challenge of Night and Day and Chicago Poems, Lighten Up, Not Far From Here, Watershed, You Have Finally Won, Avenue C, Suburban Rhythms, Downs Syndrome, the Dark Side of Love, the pill is a man's best friend, Angel's Syllable is Good Boss of Devil's Spine, Poems and Stories from the Blue Collar Book of the Dead, Get People, Death of an Angel, Ghost, Science: A Curmudgeon's View, Ghost Dances Leaping from a Tome, the 4-D Window, Open Wounds, Anime Junkie, Intersica, Gunther, Cats, Screem Cloud Island, When the World was Black and White, a Petal Under Pavement, the Holy See of CEE, Book 15 * Thailand to Volcanoes, Lost in an Echo, I Was Charles Branson's Secret Hostage, Erectable Band, Royal Don's Death Scene '16 of Thee, Understood, Akasick Shotgun, Champagne - Hot Water, How a Bullet Behaves, the Thing in the Lounge at WagonWheel (I Come in Avatica), Postcards from Exile, the Five Steps of Mabel, Stay in Formation

Compact Discs:

Mem's Favorite Voice the demo tapes, Kuypers the Ined (MP3 Intensive), Winds and Flowers the beauty & the desolation, The Second Aging Something is Sweating, The Second Aging Live in Alaska, Pathe & Kuypers Live at Cafe Aloha, Painless Orchestra Rough Mixes, Kuypers Seeing Things Differently, SD/SD Tick Tock, Kuypers Change Rearrange, Order From Chaos The Entropy Project, Kuypers Six One One, Kuypers Stop... Kuypers Masterful Performances esp 3 CD, Kuypers Death Comes in Threes, Kuypers Changing Gears, Kuypers Dreams, Kuypers How Do I Get There?, Kuypers Content+Control+Control, the DMJ Art Connection the DMJ Art Connection, Kuypers Questions in a World Without Answers, Kuypers S&M, Kuypers WERD Radio (2 CD set), Mem's Favorite Voice and the Second Aging Three Truths, scattered artist's Sing Theory, Oh (audio CD), Life At The Cafe (3 CD set), the DMJ Art Connection Indian Flux, the DMJ Art Connection Music Depressive or Something, Chaotic Radio Chaotic Radio Week #1, Chaotic Radio Chaotic Radio Week #2, Chaotic Radio Chaotic Radio Week #3, Chaotic Radio Chaotic Radio Week #4, Chaotic Radio Chaotic Radio Week #5, Chaotic Radio the Chaotic Collection Collection #01-05 (5 CD set) etc. (audio CD, 2 CD set), Chaotic Elements (2 CD set), Chaos in Motion (6 CD set), SD/SD Screaming to a Halt (EP), P&L Two for the Price of One (EP), Kiki, Jake and Haystack An American Parrot, Kuypers/the Bestard Trio/Paul Baker/The Joshua Pankov Trio Fossil (4 CD set), postcard the Evolution of Performance Art (13 CD set), Kuypers Live (14 CD set), the DMJ Art Connection the Things They Did to You (2 CD set), Kuypers Seeing a Psychiatrist (3 CD set), Kuypers St. Paul's (3 CD set), Kuypers and the H&Mans of South Africa Burn Through Me (2 CD set), Kuypers "40", Kuypers Sexism and Other Stories, Kuypers the Stories of Women (amazon.com release), Kuypers "Distro Vics" (4 CD set) Kuypers "Summer" (4 CD set), Kuypers "Letting it All Out", Kuypers "What We Need in Life" (CD single), Kuypers "Make Any Difference" (CD single), Kuypers/Arduick "Across the Pond" (3 CD set).