~TransHumanism and Post Christianity~

The potential of the UU logic base to assist us in becoming Fully-human before we look at becoming Trans-, & ultimately Post-, Human

Presentation by: Paul Wildman paul@kalgrove.com.au
12th Nov 2017 BUUF (Brisbane Unitarian Universalist Fellowship)

TransHumanism (TH): What is it?

Is the movement to use technology (mainly in the areas of life sciences, alternative energies, and computer science) to challenge biological limitations and eventually find solutions to such limitations. This is often linked with the idea that science and technology can be used to continually improve the human condition – called 'progress'.

Examples of TH include Artificial Intelligence, cryogenics, space colonization, cloning, medical implants, cyborgs, cognitive enhancement, life extension, transcending our mortality, the death of death, defect elimination (form of eugenics) and so on. With its current momentum, TH will directly impact your grandchildren before 2030.

TH: Where do we see it? - the Singularity

Within thirty years, we will have the technological means to create superhuman intelligence. Shortly after, the human era will be ended. This is what I call the singularity. It is a point where our present models must be discarded and a new reality takes over. As we move closer and closer to this point, it will loom vaster and vaster over human affairs till the notion becomes a commonplace. Yet when it finally happens it may still be a great surprise and a greater unknown even if still unrecognized by most. (Victor Vinge *Marooned in Real Time* 1986 – adapted PW).

When humans transcend their biology (Ray Kurzweil) and in our grandchildren's lifetime!

The Singularity contd.

The point at which technological computing power = that of all humans on earth anticipated around 2025 (Paul Wildman) Singularity Uni https://su.org/

Technological change is **1million** times faster than social change
and *technology learns* **10million** times faster than us
https://medium.com/@emergingtechnology/systems-theories-of-accelerating-change-b50848d55913

C2Computer data exchanges/internet are now bigger than the P2Person human data exchanges/internet

Our silent scream – rate of change

TH: How does it work? - AI

A *progress trap* is a type of 'catch 22' whereby new technology that could improve life for a few of us but that ends up making things worse for all of us due to a failure to manage risks and unintended consequences, as well as needing to use more of the technology to solve the problems the technology caused in the first place.

So is AI, which TH relies on, silently taking over the world one washing machine at a time the *progress trap* to end all progress traps?
Elon Musk is quite eloquent on this and quite worried as well. Is AI then the ultimate *progress trap*. Imagine ISIS terrorists getting hold of AI? Or Kim Jong Un?

Key TH technologies inc. (1) artificial intelligence, (2) robotics, (3) genetic engineering, & (4) nano-tech.

Progressive Christianity & TH - MIA!!

GLBTI acceptance in the ministry 1980's issue, –450mths ago
Marriage equality 2000's issue, –200mths mths ago

AI (+12mths – already started – self driving cars, smart houses, ubiquitous surveillance, Big Data, Big Pharma, Big Brother etc.
Singularity (by 2025 +100mths)
Transhumanism (now until about 2030 -->150+mths)
Posthumanism (2031+ --> 250+mths)

Yet who is asking the question about *becoming fully human now rather than post human tomorrow?* – CRAFT – BUUF – this talk. Mormons have a Church of Transhumanism, Jesuits have made some efforts via Teilhard de Chardin, UU in the Liberal Pulpit.

TH: some key issues as used in my talk

Fully Human (FH)
Singularity
IoT - our global Digital Nervous System -the Internet of Things
Sentient technology
Sentient species
Sentient hybrids
IPv6
Surveillance Big Brother
Logic base

Re-designed Children CRISPR – gene editing to remove disability
CRISPR" (pronounced 'crisper' as in 'lettuce c') stands for
Clustered Regularly Interspaced Short Palindromic Repeats,
Weblife 2 – Avatars/3D Gaming –
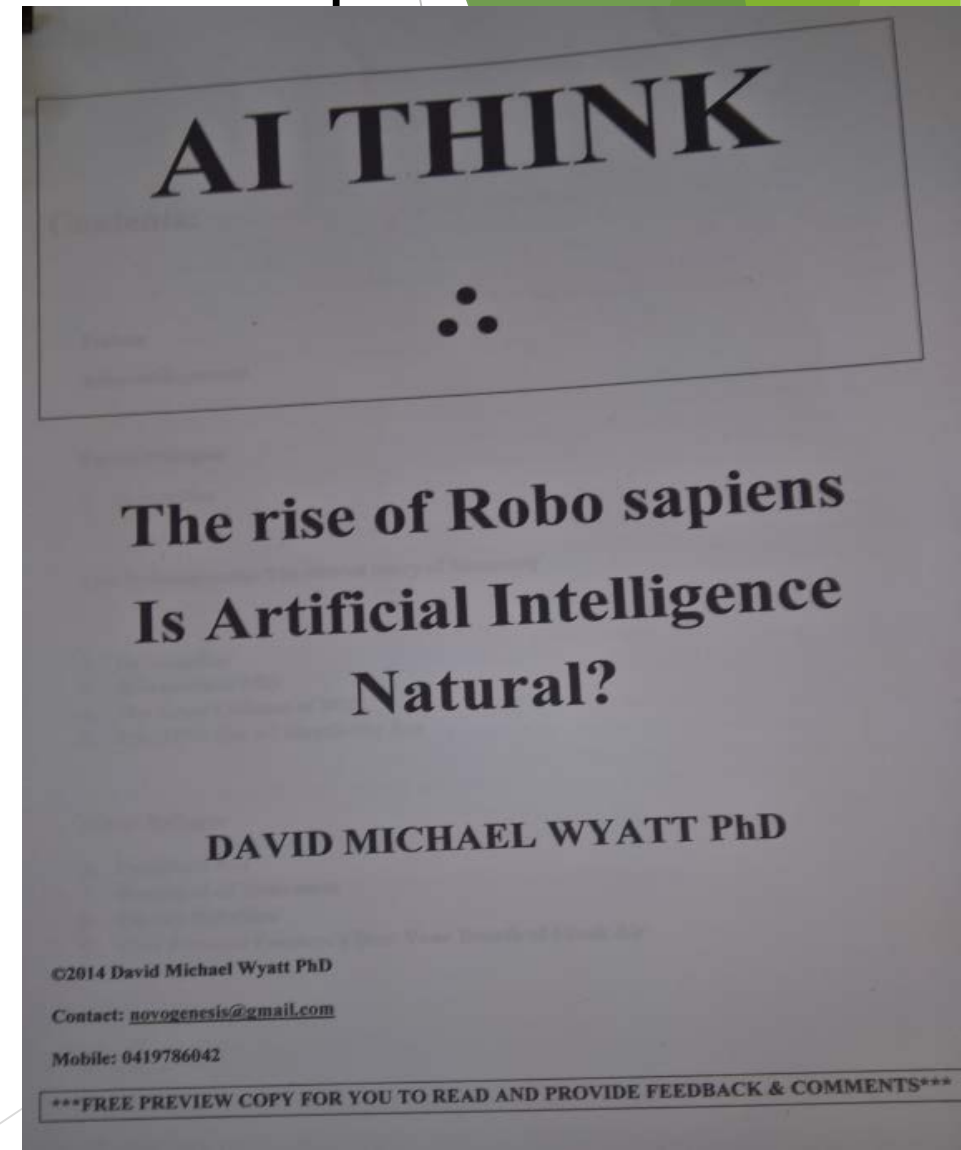Internet of Everything – immersive
When Robots replace workers – Progress?!!?
When Robots replace us – AI - Terminator series
When Robots become us – TransHuman
When we become Robots – PostHuman
AI & TH & PH (AI Theism)

AI THINK

The rise of Robo sapiens
Is Artificial Intelligence Natural?

DAVID MICHAEL WYATT PhD

A Fully Human (FH) response to TH needs to have a logic base that includes:

questions and ideas

aspirations

ability to take or influence action

relationships with other people

head

heart

hands

human connections
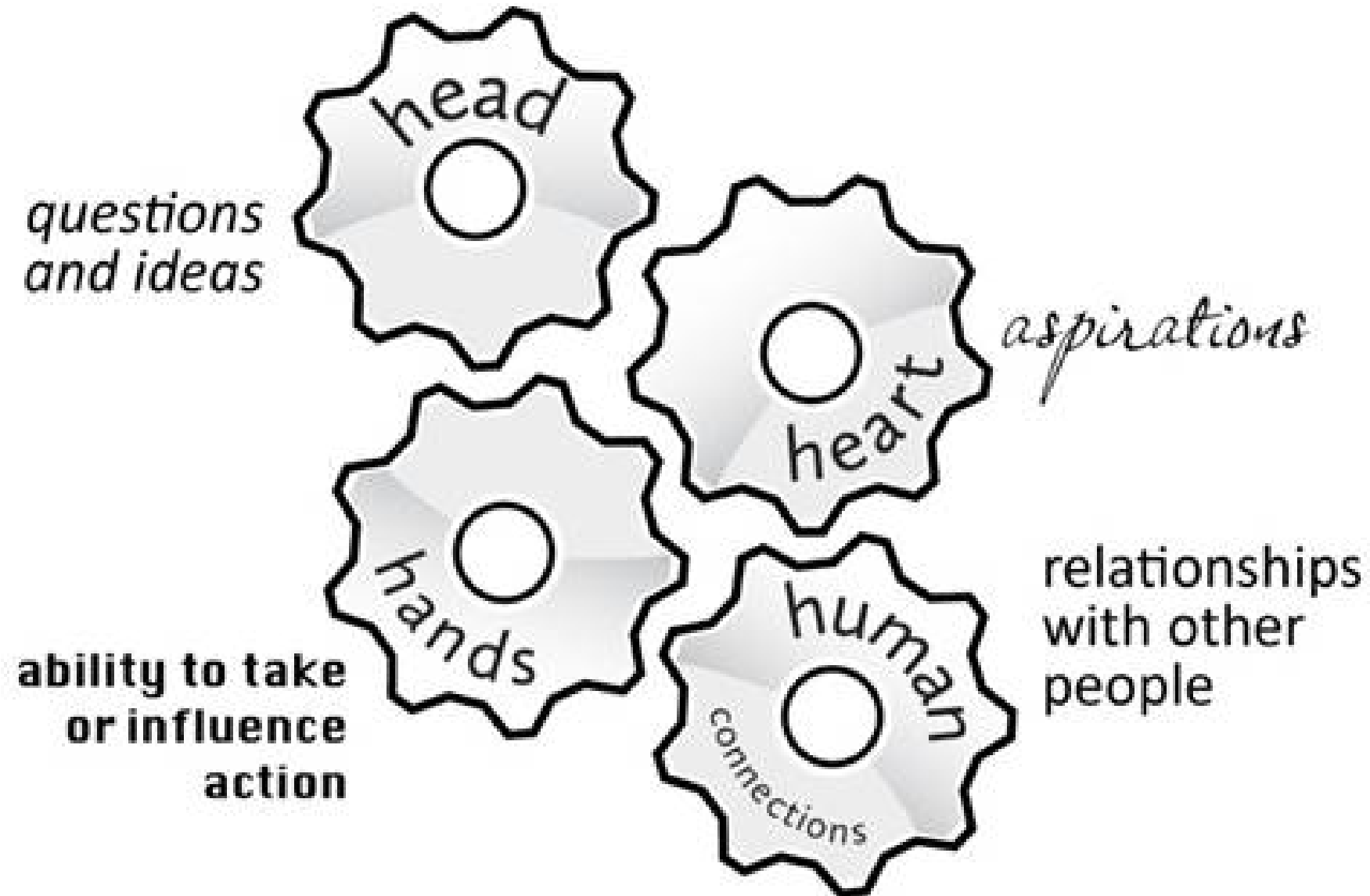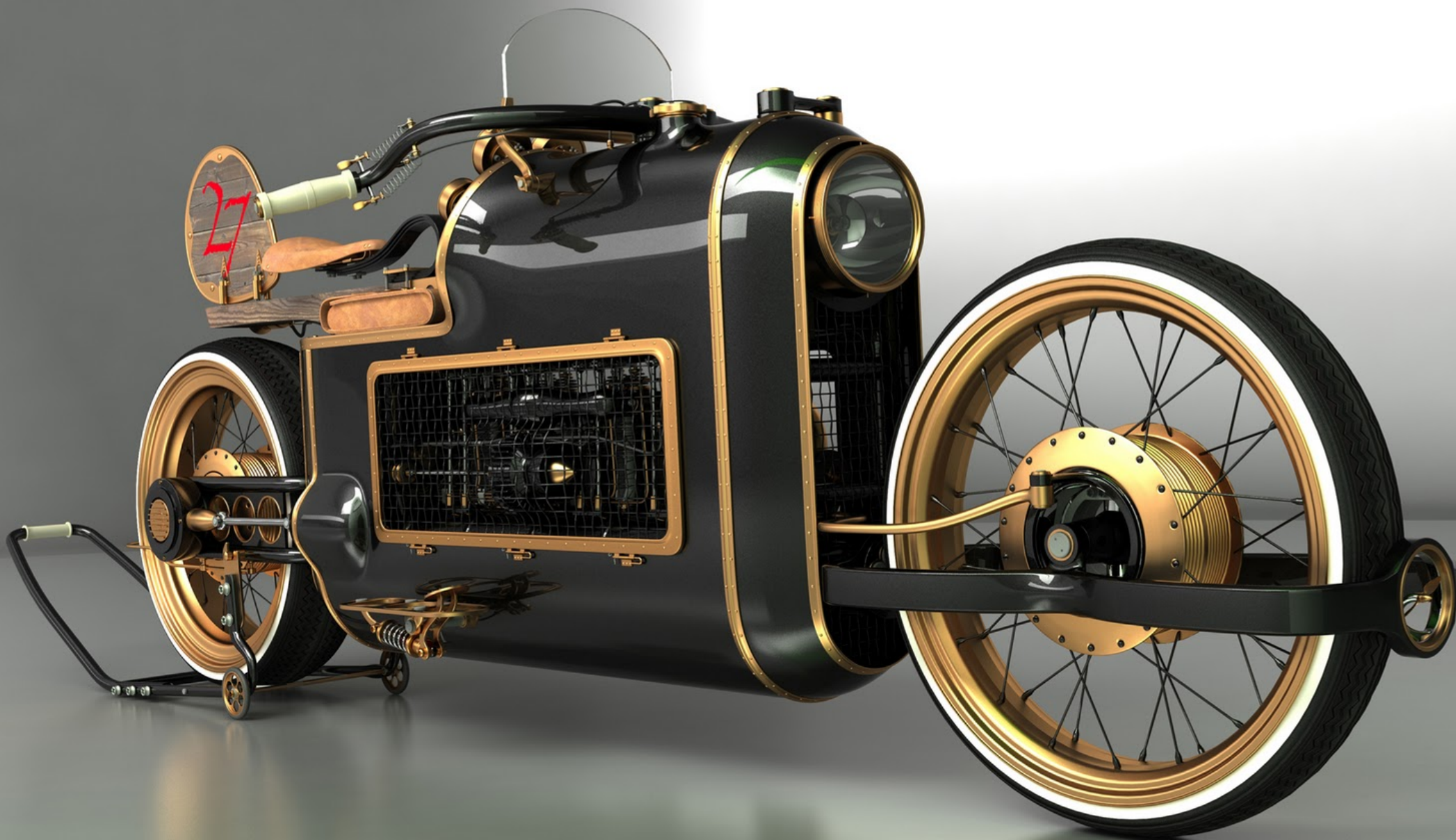
Hey,
The geo, techno, eco
points are coming
Modern civilization
There is no way
continue doing
and political tipping
down hard and fast.
is hitting the wall.
8 billion of us can
business as usual.

{ We hack into the inner
recesses of our global system,
figure out what makes it tick,
and then untick it! }

abillionpeople.org

Homo neanderthalensis

Homo rudolfensis

Homo sapiens

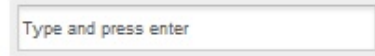Australopithecus boisei

Australopithecus africanus

Homo erectus

Australopithecus afarensis

Homo habilis

Australopithecus anamensis

The Craft of Craft

Community Resilience through Artificering for Futures Transitions

http://crafters-circle.com/craft4.html

CRAFT – Community Resilience through Action

for Future Transitions

Because our future is in our hands

Transhumanism

Issue 4: May 2013

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Man is an artifact designed for space travel. He is not designed to remain in his present biologic state any more than a tadpole is designed to remain a tadpole
-William S. Burroughs

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NEWS

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First Digital Divide AI Logic Base

Knock! knock! Late last year (Oct 2016), Facebook, Amazon, Microsoft and Google formed a group called *Partnership on AI*, a not-for-profit that plans to formulate best practices in an AI LB

http://www.abc.net.au/.../artificial-intelligence-com.../8440358

So UU folks the AI Logic Base is being written *as we meet* Where is ours? Our retro virus, our social cradle LB. Could the UU's 7 principles provide such a LB to assist our Fully Human to emerge.   I firmly believe so.

What then is our Western contemporary Logic Base?

Most of these are evident in Anglo speaking countries esp. the US:
1 The world is a bad and dangerous place, 2 (My) Might is right so
3 Violence by me on *the other/you* is ok if I say so
4 Prejudice is necessary for my triumph
5 A saviour (Me/$/Markets) is needed
6 Simplistic straight line either/or thinking is all that is required
7 Obedience to the centre is key
8 Progress improves things and 'can not be stopped'
9 Technology, like Science, is neutral, value free, and therefore ultimately a good thing
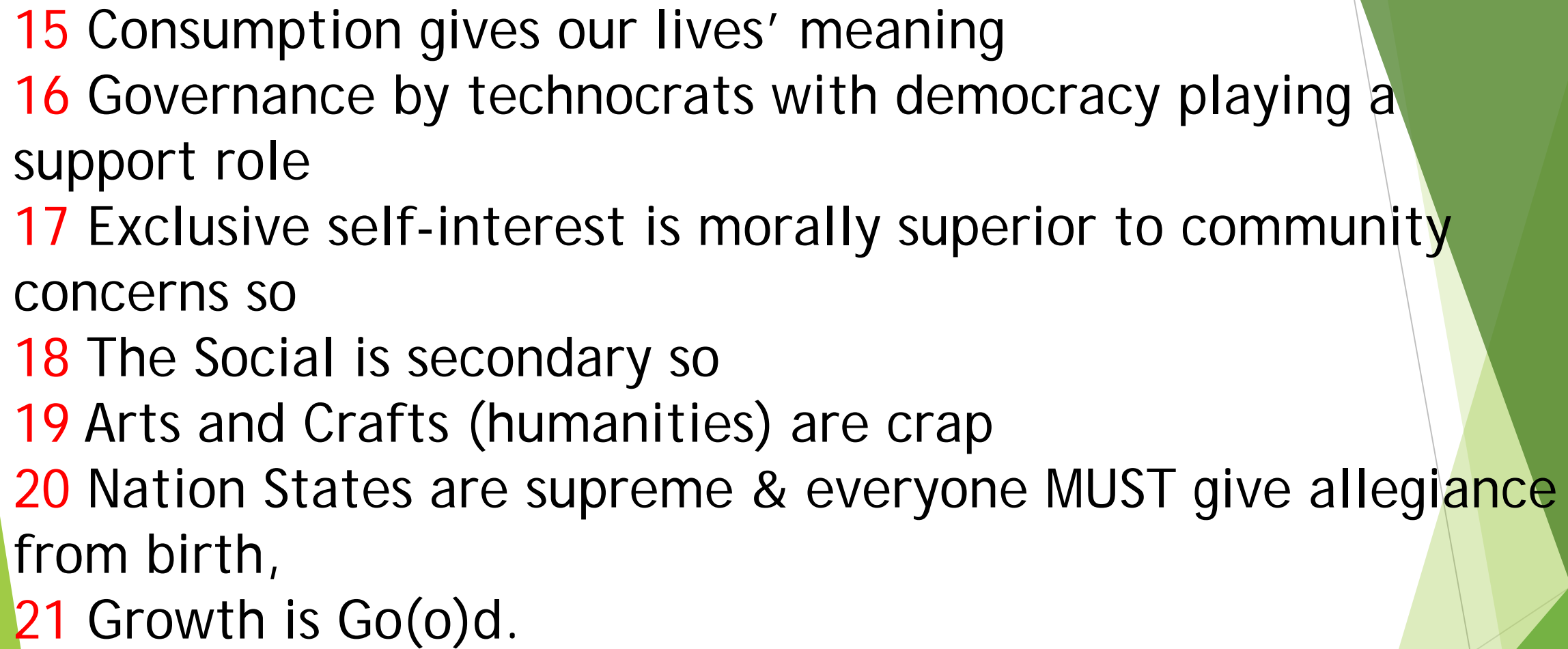
What then is our Western contemporary Logic Base?

10 Technology   'trumps'   Nature
11 GMO Eugenics 'trumps'   Nature
12 The Military   'trumps'   Nature
13 The Economy   'trumps'   Nature so,
14 So our planet is 'trumped'

(yet I ask ethically: What are we without 'Nature', without our web of life? Without our 'wetware'? What then is our human 'nature'?)

15 Consumption gives our lives' meaning

16 Governance by technocrats with democracy playing a support role

17 Exclusive self-interest is morally superior to community concerns so

18 The Social is secondary so

19 Arts and Crafts (humanities) are crap

20 Nation States are supreme & everyone MUST give allegiance from birth,

21 Growth is Go(o)d.

We need to preserve Nature as the visible shape of humanness, as a reference for feeling and awe, and crucially as the gestalt of our own psyche. Without Nature, we risk losing important parts ourselves, our identity and ultimately our humanity. Thus, we risk losing our ability to love.

Weber, Andreas. (2016) *Biology of Wonder: Aliveness, Feeling and the Metamorphosis of Science* (p. 348). New Society Publishers. Kindle Edition. (adapted PW).

Today most people in the environment movement (and other church denominations) do not understand that AI is a real threat to humans and the effects will impact us *well before* the longer term climate effects like sea level rise which will, most likely, be more gradual. Earth's natural feedback mechanisms are buffering and delaying some of the climate change.

AI and its associated technology does not have such feedback unless humans rebel against technology and I don't see much evidence of this yet. We've never before seen such a massive converging of technologies like this & the key difference is its intelligence, efficiency and autonomy.

If you look at the impact of technology in our lifetimes and the current rate of change, AI in its many subtle guises is happening now and I expect it will, in the next 100 months, accelerate and impact us like a Tsunami such that we will have no ethical bearings. And most importantly no understanding of 'what it is to be fully human before the elite become trans-human with life extension.

What then is our UU Logic Base?→

How do we become fully human using this logic base?

So what would a UU drone, UU robotic kitchen, or UU intentional community, look & act like?

God(dess) as the Ground of our being

.

Intriguingly Spong describes this *post-christian god as 'the ground of our being'* – very Wiccan/pagan/indigenous.

This Ground is where we draw spiritual sustenance and meaning.

But this Ground is shifting……

God(dess) as the Ground of our being

Q: So when we look at our Grandchildren and ask *what is the ground of their being* and thus their becoming? Where do they spend most of their time?

A: Social Media.   This is where they will draw their sense of being. Not from F2F Family and Friends and Fellowship rather uncritically F2S i.e. technologically mediated communication on Facebook, Twitter, Snapchat and so forth

All these are technological platforms that predispose our children to embracing a techno-utopian world view.

God(dess) as the Ground of our being

So today *technology has become the ground of our and our children's being*. It amplifies the impact of any decision, good or bad.

With the gap between technology and social change (inc. human ethics) widening exponentially, the chances for catastrophic consequences also increases exponentially.

So our *UU Logic Base* becomes vital and is like the finger pointing towards the moon/fully human. As members of UU we need to seek to follow where our collective finger is pointing. And then action it.

In Christian terms, for me, this is what Jesus meant by the *Kingdom of Heaven* Is this up up and away? Or as I prefer to say the *Practical governance of our Spiritual Commonwealth* i.e. in our day to day world – thus my interest in Sociocracy.

Rather than the Kingdom of God being *a pie in the sky that we can get bye and bye* we have 'our ground of being' where we can *get it on the ground while we're still around*.

This is where the UU logic base comes in – again. I reckon its a great underpinning for out-, and in-, reaching our *Spiritual Commonwealth* as a counterpoint to TransHumanism

Here the question of *Governance* is about the very nature of 'heaven's' domain, i.e. the rule or governance of human life in order to make it harmonise with the purpose of its giver. Thus the whole enterprise could be compared to a vineyard/Nature that needs tending and cultivation in ways that would have encouraged it, and us, to yield what we are meant to yield/do/be.

What then is this human contract as part of the Governance of Heaven? Whilst Earth natives, we are living on land we did not create and are consuming resources that we did not lay by. We are demonstrably careless not only of the welfare of our fellow human beings here and now but of generations to come, and of our host planet. We are careless in the governance (collectively expressed care/caritas) of the Earth and her cargo.

Cook, Harry. (2017) *Discourse on Thomas 65-66* eLetter (adapted PW) see also Matthew 20:1ff, Mark (12:1ff) and Luke (20:9ff)

"I not only think that we will tamper with Mother Nature. I think Mother wants us to."

WILLARD GAYLIN
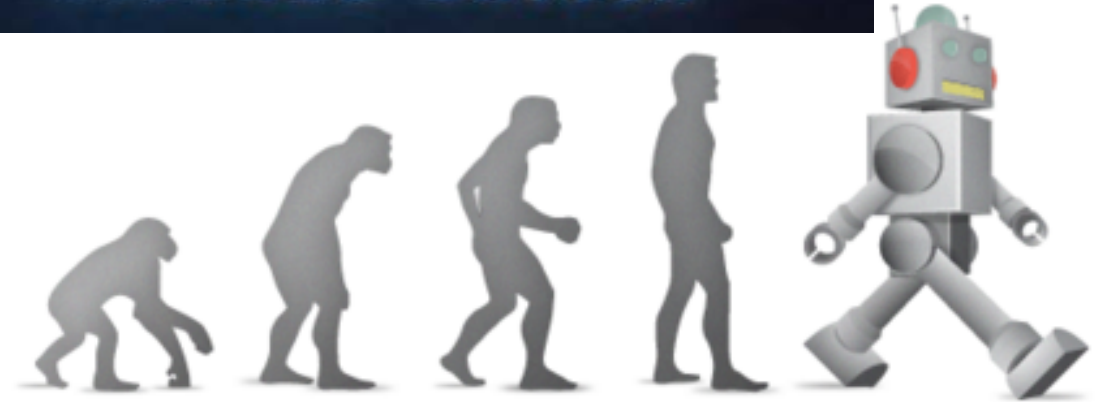
Man is an artifact designed for space travel. He is not designed to remain in his present biologic state any more than a tadpole is designed to remain a tadpole

-William S. Burroughs

Critiques of our Critiques of TransHumanism

BASIC
HUMAN
NEEDS

SELF-
ACTUALIZATION

ESTEEM

SOCIAL NEEDS

SAFETY AND SECURITY

PHYSIOLOGICAL NEEDS (SURVIVAL)

Wi-Fi

BATTERY
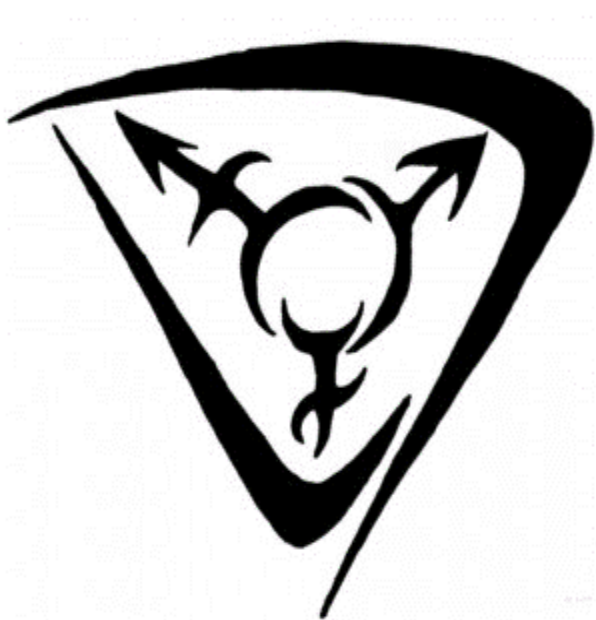
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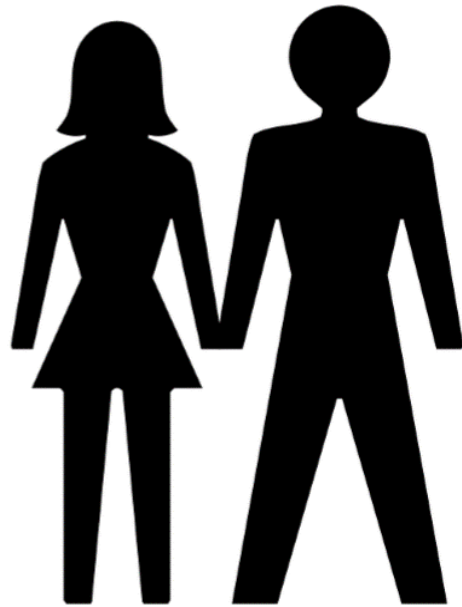
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A
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Critiques of our Critiques of TransHumanism

1. Same as, If only, Yes but….
2. Techno-utopian Determinism-momentum
3. TH is already *the ground of our g-children's becoming*
4. Not sexy – No follow-on market Anti progressive and, *you cant stop progress!*
5. Marxist – *placating the people/proletariat*
6. Anarcho primitivist Christianity is already TH – *second coming, resurrection etc.*
7. *Teleology* – alpha point α /created Adam/Eve point and, omega point Ω transhuman adam/eve however where is the third Adam/Eve the fully human one?
8. False concreteness – cant upscale – naïve (sociocracy, using the seven UU principles, can help here)

9 *Evolution has so far been blind*; but when it is guided by human thought and blended within us, it becomes conscious, reflexive and thus potentially self-directed. Biotechnology is thus a further step in the rise of evolution to self-consciousness.

.

This second creation is trans-humanity as the Omega point. This is the next step in evolution.

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I anticipate that over the next 84 months the:
. *Hard Right evangelicals* will take to TH as a form of cure, of perfectibility. A techno-cure for humanity's 'original sin'
. *Green Left* will, and is, take to TH as a way to get around our wetware's inability to protect eco-systems
. *Centre* will take to TH as it is a 'natural' extension of present techno-utopian trends
. People who don't take uncritically to TH will be labeled as 'Luddites'

What are some UU *Pack & Takes* on TransHumanism?

So what can we do about this?
1. Recognise the *elephant in the room*
2. *Plant a garden* and encourage our grandchildren to do the same
3. *Holiday in the country* & explain the inter-relatedness within Nature
4. Help *support species retention*
5. *Critically assess technological change* and discuss this in (y)our family/community/NGO – accept some reject others
6. Insist our *children and g'children* understand social technology is at least as important as computer technology
7. Run a *family sociocracy circle* with monthly meetings
8. Play the *Sociocracy board game*
9. Take the *UU logic base/7 principles seriously* above, and to
10. Build a *BUFF/Quaker type intentional community/eco-village*

What are some UU *Pack & Takes* on TransHumanism?

11. *International UU project* on TH & its discontents
12. *Respect interface* between Arts+crafts and science+technology
13. *Balance inner∞outer work* with these outer projects
14. *Social & Economic Dislocation* anticipation projects
15. *Open Governance* projects e.g. using Sociocracy in NGO's
16. Our own (family/community) *Play ∞ Plerk ∞ Work*
17. *Limit TV time*
18. *Euthanasia & dignity of disability*
19. *Take up a craft* and link it to these big pictures

Resources

http://www.crafters-connect.com/craft-issue-8

http://www.politico.eu/article/dont-kill-us-r2-d2-meps-warn-against-robot-revolt/

CRISPR http://www.patheos.com/blogs/carlgregg/2017/09/revolution-bioethics-already-gene-editing-genome-engineering/

CRISPR https://www.broadinstitute.org/what-broad/areas-focus/project-spotlight/questions-and-answers-about-crispr

http://crafters-circle.com/craft4.html

http://www.progressivechristians.org.au/wp-content/uploads/Dying-with-Dignity-Briefing-Paper.pdf

https://planetechusa.com/blog/how-much-data-will-the-internet-of-things-iot-generate-by-2020/

https://www.technologyreview.com/s/608911/is-ai-riding-a-one-trick-pony/

http://www.liberalpulpit.org/2017/10/quintessence-of-glorious-dust.html

https://en.wikipedia.org/wiki/Mormon_Transhumanist_Association

Weber, A. (2016). *The Biology of Wonder: Aliveness, Feeling, and the Metamorphosis of Science.* Gabriola Island: New Society Publishers. 300pgs.

Wildman, P. (2000). Life Futures: An Initial Taxonomy of Emergent and Extant Terrestrial and Non-Terrestrial Forms of Life. *Journal of Futures Studies* 4(2): 93-108.

Wildman, P. (2013). Life Futures: Transhumanism and beyond: a suggested taxonomy of emergent and existing Terrestrial and Non Terrestrial Forms Of Life (FOL). *Crafters-Circle* [www.crafters-circle.com] Transhumanism (3): 22pgs

Wyatt, D. (2014). *AI Think: The rise of Robo sapiens. Is artificial intelligence natural?* Brisbane, David Michael Wyatt: 70pgs

The **Turing test**, developed by Alan **Turing** in 1950, is a **test** of a machine's ability to exhibit intelligent behavior equivalent to, or indistinguishable from, that of a human.
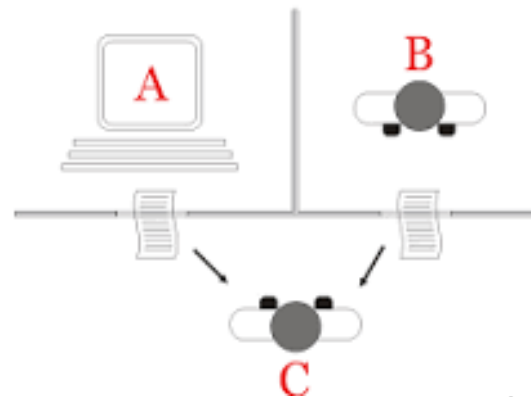
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What are some UU *Pack & Takes* on TransHumanism?

1. Transparent Governance e.g. Sociocracy
2. International UU project on TH & its discontents
3. Interface between Arts and crafts
4. Genuine Eco-village construction & ops
5. Social Dislocation anticipation projects
6. Climate emergency/resiliency/projects
7. Economic crash preparation
8. Our inner human – gardening/shed/farm
9. Our own (family/community) play
10. Limit TV time
11. **Play ∞ Plerk ∞ Work**

What then are some Pack & Takes for us from this talk on TH?

Transparent Governance e.g. Sociocracy
International UU project on TH & its discontents
Interface between Arts and crafts
Genuine Eco-village construction & ops
Social Dislocation anticipation & work/projects
Climate emergency/resiliency work/projects
Economic crash preparation
Our inner humanism – gardening/shed/farm
Our own (family/community) play
A UU take on https://www.facebook.com/futurism/videos/81145412367993

CRAFT 8 – Archaic Renaissance

POSTED
Jun 5th, 2015

AUTHOR
admin

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No Comments

CATEGORY
CAT2

CRAFT on the Artificer

Issue 8: June 2015

Dear CRAFT Adventurer: Please ensure you close each exhibit before opening another.
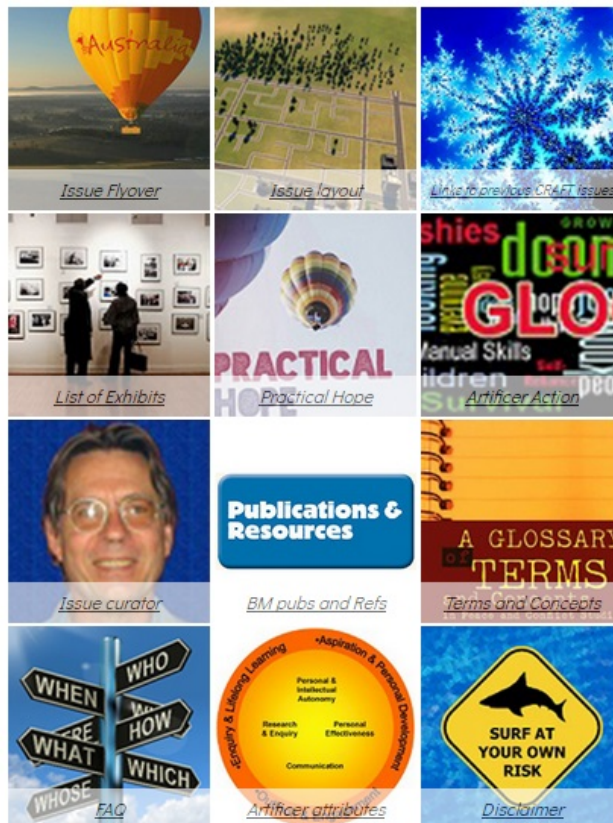
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FAQ | Artificer attributes | Disclaimer

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List of Exhibits Craft
Promotional Flyer Craft – The Australian Bush Mechanic: a depth perspective

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ARRANGE WITH US

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Future Issues: economics for the future, turning suburbs into communities, greater suburban densities, and the drug rip off i.e. big pharma

Key Words: participation, resilience self-understanding, power, sustainability, and local government

Previous Issues:
Issue 7: A Town Like Byron
Issue 6: Disability Accessibility
Issue 5: Letters to my Brother
Issue 4: Transhumanism
Issue 3: Brisbane radical movements - Parts 1 and 2 combined
Issue 2: Brisbane radical movements - Part1
Issue 1: Biochar (updated 06-10-2014)

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NEWS

If you would like to prepare your own issue of the eZine as guest editor, please contact the publisher.
CRAFT: RSS.

Chagall the Transhumanism ∞ Artist ∞ Craftist

▶ *What then is our contemporary Western Logic Base?*
Somewhat gruesomely, I suggest that it is likely to include esp. in Western Anglo countries, particularly in the US and its satellite acolytes like Australia:
1 The world is a bad & dangerous place, 2 (My) Might is (your) right, 3 A saviour (Me/$) is needed, 4 Simplistic straight line, either/or, thinking is all that is required, 5 Obedience to the centre is key, 6 Violence by me on the other is ok, 7 Prejudice is necessary for my triumph, 8 Technology 'trumps' Nature 9 Our earth is dispensable, 10 Exclusive self-interest is morally superior, 11 Nation States are supreme & everyone MUST give allegiance from birth, 12 Growth is Go(o)d, 13 Arts and Crafts (humanities) are essentially worthless, 14 The 'other' is expendable

THE "SUCCESS" OF OUR SPECIES: POPULATION GROWTH

If our population and our command over the resources of the planet are any indication, we have become the most successful species on the planet.
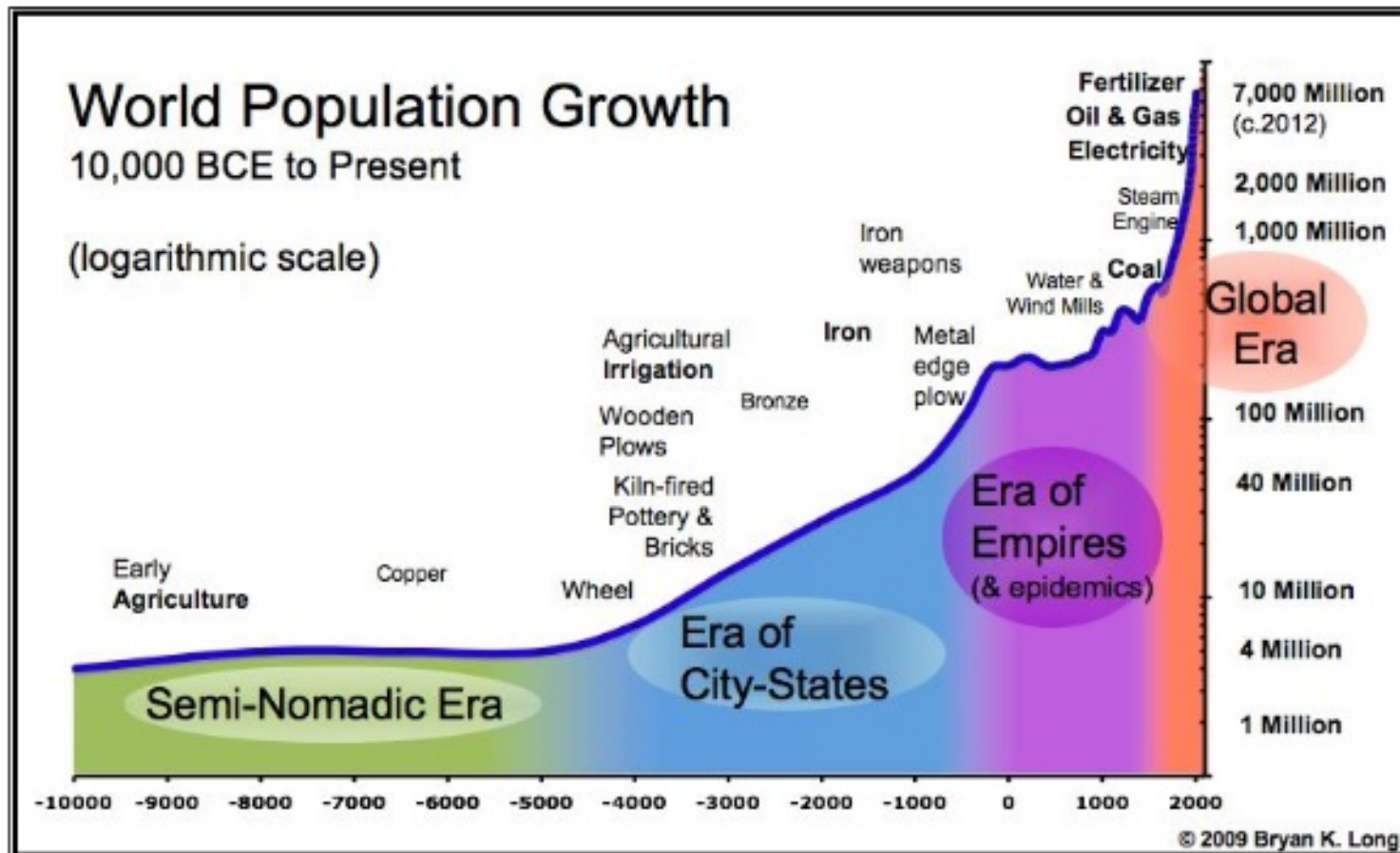
POPULATION MILESTONES (billion)

DATE	Δ YR	POP
500 BC	INF	0.1
1500 AD	2000	0.5
1800 AD	300	1.0
1930 AD	130	2.0
1959 AD	29	3.0
1974 AD	15	4.0
1987 AD	13	5.0
1999 AD	12	6.0
2012 AD	13	7.0
2025 AD	13	8.0

(Source: US Census & UN Projections)

THE "SUCCESS" OF OUR SPECIES:
HUMAN APPROPRIATED of NET PRIMARY PRODUCTION

This is an indication of how much of nature our species has appropriated for our own (human) purposes. Depending on the measurement method, recent estimates range from 19% to 40% (Harberl et al, 2013; U of Mich)

Net **primary production** is the rate at which all the plants in an ecosystem produce **net** useful chemical energy; it is equal to the difference between the rate at which the plants in an ecosystem produce useful chemical energy (GPP) and the rate at which they use some of that energy during respiration. *Our Human Footprint/Foodprint*

HANPP
Units: % of NPP

- 200 - 40,000
- 100 - 200
- 80 - 100
- 60 - 80
- 45 - 60
- 30 - 45
- 20 - 30
- 10 - 20
- 0.1 - 10
- 0
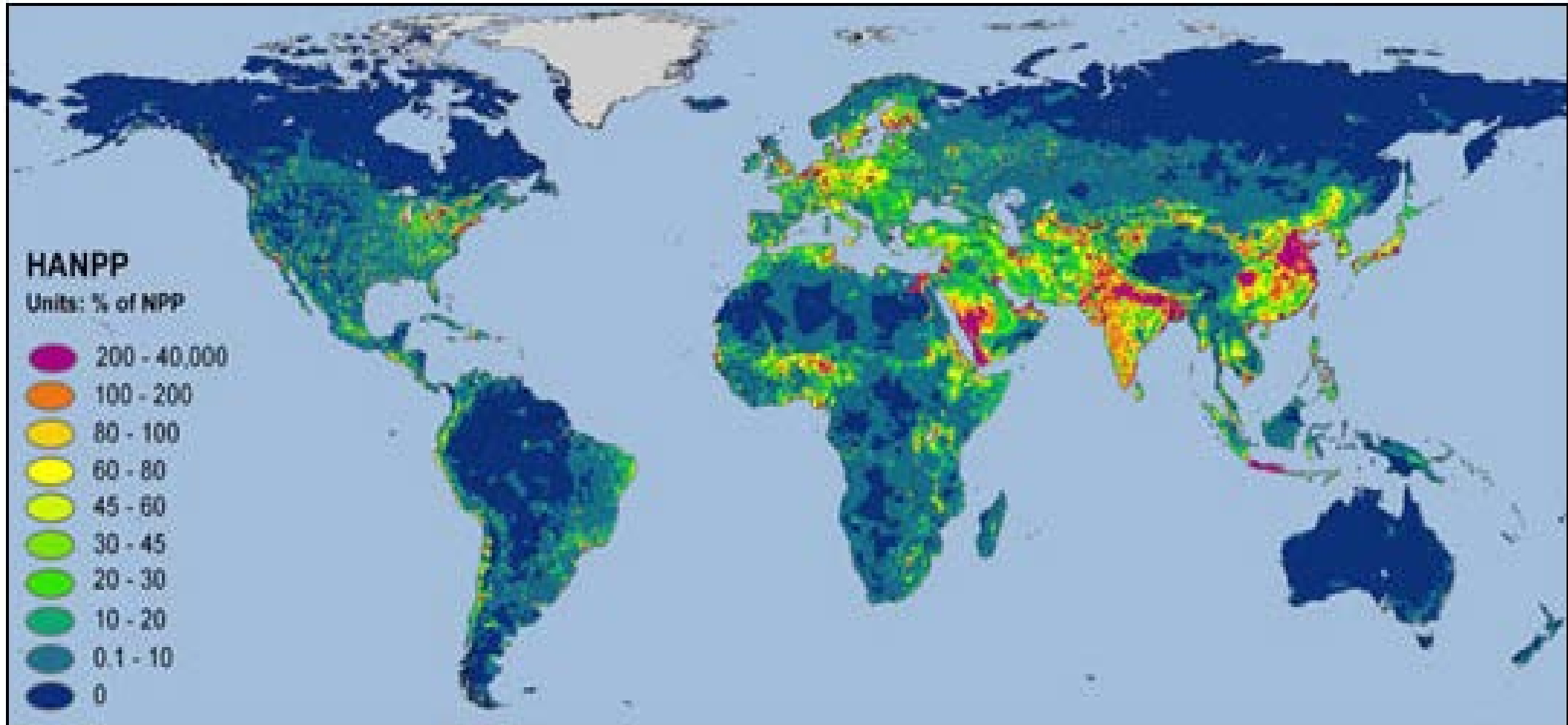
Human Appropriation of Net Primary Production (percent of local NPP)

- 25 – 40% NPP
- Global Homogenization
- Directing Evolution
- Technosphere

Transhumanism Play I: What we are seeking to understand Transhumanism play as a vital component of children's play within the context of David Feldman's 1994*, **Non-universal theory** of child and cognitive development. Here learning is associated cognitive domain related rather than universal age-cohort related.

This means the child is encouraged to conceptualise, design, fabricate and then play with individually or in a group, using bric-a-brac on hand at the time – subsequently this process can be repeated using the same materials after it has been disassembled.

What we are trying not to do is to have the child play with toys!!! And especially those that require instructions and especially instructions that need to be read to the child that is we are seeking to avoid colouring between the lines so to speak metaphorically that is.

Transhumanism Play III: Bricolage is two tools in one 1 for analysis and 1 for synthesis AAA – the Transhumanism/hermeneutic learning circle so to speak.

Tool in the sense of *Techneque* (tool as extension of the human) rather than *Technique* (human as extension of the tool) an absolutely crucial nuance With the Logic Base as outlined below

So a pedagogy that sits behind BL will need to be chiro-focused, play lensed and domain oriented rather than universalist.

This process can be seen in the following analogue: **Non-universal theory** of Child development is a theory of <u>cognitive development</u> first created in 1994 by David Henry Feldman, a professor at the Eliot-Pearson School of Child Development at Tufts University. The theory proposes that development occurs in <u>domain-specific</u> relatively discrete stages or zones (versus the universal stages of temporal child development of Piaget etc.).

Domain-specific learning theories of development hold that we have several independent, specialised knowledge structures, rather than one cohesive knowledge structure. Thus, training in one domain may not impact another independent domain.

For example, domain knowledge theorists believe people have highly specialised functions that are relatively independent of one another. Jean Piaget's theory of development, otoh, believed that knowledge is internalised into a cohesive knowledge structure, favouring the universal learning mode.

▶ The transition of one stage to the next is one of the core concepts of the theory. In it, development begins with the *consolidation* of a skill set for a particular stage. Outlying or satellite skills are then brought closer together through integration and intervolvement of advanced skills with development of retarded skills.

The next step is *elaboration*, where new skills are added. This is followed by a period of *incubation*, followed by a phase in which a *novel* intergraded/intervolved skill set emerges which is more advanced than the others. This novel skill then pulls the other skills along with it in a phase called *reversion* leading to *accretion* i.e. pentimento. Then the process repeats itself with another stage of *consolidation*. This continues until the learner reaches the *master* level.

Healing our *Ancestral Divide*

Jung said, "our whole evolutionary background has not yet caught up" (p. 236) with us, in fact "We are very far from having finished completely with the middle ages, classical antiquity, and primitivity i.e. the archaic, as our modern psyches pretend we have" (p. 236). This ever widening gap between us and our ancestors is deeply concerning. Because we haven't been paying attention to our ancestors and consciously integrating them into our lives, their experiences have become a "denied expression in life and therefore coalesce into a relatively autonomous 'splinter personality' with contrary tendencies in the unconscious" (Jung, 1983, p.442); they have in essence become a shadow aspect of who we are as individuals and as a collective.

Whether we realise it or not, we all are carrying our ancestors within us. Their hopes, dreams, fears and unanswered questions loom around us in the depths of our psyche and run through our very blood as it once did theirs. The disconnection between us and our direct lineages has created a wide gap, one in which our ancestors try to mend through activation of certain complexes and great stirrings in our shadow. This can cause enormous confusion to the person experiencing their ancestor's shadows and complexes arising as their own or their own complexes and shadow being activated by their ancestors. Through bringing in this awareness however, we can explore conscious and creative ways to integrate these aspects into the Self which will not only help us to become more understanding of our own personal process, but can also lead to individuation. Welcome to our archaic ancestors.....

http://www.heatherlovig.com/single-post/2015/01/15/Healing-the-Ancestral-Divide-A-Path-to-Individuation

12 Commodification of human relations and indeed our planet is inevitable and good, 13 Free trade is a necessity,
14 Capital is free to roam the planet whereas Labour is padlocked to the Nation State,, 17 few to many (whereas democracy is many to few),
18 Centralisation of Control not Harmonisation of Diversity is the underlying principle in social policy, 20 Power over trumps power with,
21 Only the global, centrally (read US!) defined, news etc. matters the periphery & 'others' such as women, the indigenous, GLTI and local etc. are dispensable.

Source: In part drawn from http://www.alternet.org/election-2016/trumps-worldview-mirrors-most-archaic-and-apocalyptic-christian-beliefs - all this sounds like US Exceptionalism/President Trump's/NeoCon's philosophy doesn't it?

Inversely we see aspects of the Transhumanism in ISIS activities, computer gaming and Transhumanist eugenics.

10 Practices the *Politics of peace* which includes - (10a) operates often beneath host systems' radar, (10b) a strong commitment to *Power-with* rather than Power-over governance,

11 *Glocality* that is undertaking local project with global/ planetary impacts and vice versa yet <u>always</u> with local autonomy,

12 *Simplexity* – a practical intervolvement of simplicity and complexity with a recognition that change begins at, and depends on, the margins, 13 Holding the space for others – our *Doula* function,

14 *Becoming fully-human* (the 1st digital divide) before we become computerised trans-human (the 2nd dd) and ultimately disappear into our machines (3rd dd), and,

15 *Local attribute* – your (groups) culture, attribute & contribution inc. indigenous Logic Bases.

The Philosophical Transhumanism - The:

- **Methodological Transhumanism** is adept at performing a large number of diverse tasks, ranging from interviewing to intensive self-reflection and introspection.

- **Theoretical Transhumanism** reads widely and is knowledgeable about the many interpretive paradigms that can be brought to any particular problem.

- **Researcher as Transhumanism-theorist/practitioner** works between and within competing and overlapping perspectives and paradigms.

- **Interpretive Transhumanism** understands that research is an interactive process shaped by his or her own personal history, biography, gender, social class, race, and ethnicity, and by those of the people in the setting.

- **Critical Transhumanism** stresses the dialectical and hermeneutic nature of interdisciplinary inquiry, knowing that the boundaries that previously separated traditional disciplines no longer hold.

- **Political Transhumanism** knows that science is power, for all research findings have political implications. There is no value-free science.

- **Narrative Transhumanism** also knows that researchers all tell stories about the worlds they have studied. Thus the narratives, or stories, scientists tell are accounts couched and framed within specific storytelling traditions, often defined as paradigms.

- Product of the interpretive Transhumanism's labour is a complex, quilt-like bricolage, a reflexive collage or montage - a set of fluid, interconnected images and representations. This interpretive structure is like a quilt, a performance text, a sequence of representations connecting the parts to the whole.

- **Source:** http://www.culturalfarming.com/home/Bricolage.html September 2008,,*Cultural Farming: Bricolage, Surrealism, Parody* Holland Wilde

- Manifesto: Towards a PB Logic Base
  [A] Principles of PB:
  1. *Four elements in designing a PB Project* (practical wisdom, right intention, creative synthesis, efficacious extension), 2. *Four processes in undertaking a PB project in any of these four elements:* (PB (applying the six principles of Bricolage (see below), AR (Archaic Renaissance), DP (Direct Participation) & DE (Deep Empathy)).

- [B] Attributes of PB - A PB project commits to these attributes:
  1. *Learning by doing*: in education – the curriculum from the lived life of the student, 2. Blending *Agency with dexterity*, 3 A recognition that *'hand-made head' i.e. 'chiro generated cogno'* and '*hands not heads first'*, 4. Incorporates *robust functionality and Simplexity* over complexity, 5. A focus on *Techneque before Technique* (see f/n[4]&[5] below), 6. *DIO Resilience* esp. for youth inc. young men, 7. *Participatory governance* – Deep Participation and collaboration (DP) of *many to many*, 8. *Evolvable sustainability* - through practical creativity, community economy and harmonisation of diversity not centralisation of conformity, 9. Practices the *Politics of peace* which includes - (9a) operates often beneath host systems' radar, (9b) a strong commitment to *Power-with* rather than Power-over governance, 10. *Glocality* that is undertaking local project with global/ planetary impacts and vice versa yet always with local autonomy, 11 *Simplexity* – a practical intervolvement of simplicity and complexity with a recognition that change begins at, and depends on, the margins, 12. Holding the space for others – our *Doula* function, 13. *Becoming fully-human* (the 1st digital divide) before we become computerised trans-human (the 2nd dd) and ultimately disappear into our machines (3rd dd), and, 15. *Local attribute* – your (groups) culture, attribute & contribution inc. indigenous Logic Bases.

- Here we see the archaic parallel of three intervolved daily handy activities – fire, and making, & using basic tools with the socialisation & the haptic tactility with dexterous agency there-of/with/from e.g. shed/kitchen/garden/camping activities.

- Here I submit we need to invert the view we have of ourselves from one of head to hand without heart, to one of hand to heart to head. In a sense we need to see ourselves more than Enlightenment beings all head with the rest basically left off or withering completely with infusions of human or computer slave/AI, to a Renaissance being that values craft as a two-way expression of us and our hands.

- For example the majority of Cephalopod's (Octopus) 500m neurons (about the same as a dogs or a two year old child) are in their equivalent of hands so that these 'brainy ∞ arms' can touch, taste, smell and even see (via. camouflage skin colour changes) . Further they show playful; mischief and craft' with their hands as a key characteristic of octopus intelligence. So Octopi actually think and play with their hands and fingers (and suckers!!). In a crucial sense this is what I am saying is being lost in humans. Another take on the Western Cartesian 'either-or' dualistic 'mind-or-body' thematic. Source: https://www.theguardian.com/environment/2017/mar/28/alien-intelligence-the-extraordinary-minds-of-octopuses-and-other-cephalopods?CMP=share_btn_fb

- And guess what??? Scientists at the University of Leeds UK, have just now discovered that, like the octopus, we have a distributed system of mini-brains around our body. So now it's not so much 'think like an Egyptian' as 'think like an Octopus'. So to be fully human we need new ways to think with our body. Enter stage left 'homo tactilicus' our archaic ancestor of 'homo Transhumanism'. http://www.naturalnews.com/2017-04-17-scientists-sh... ...-to-discover-the-human-body-is-full-of-mini-brains-that-function-without-using-the-central-nervous-system.html

- Professor Peter Wipperman proposed a social definition of simplexity (adapted PW): *We long for elegant sufficiency, but in the end usually settle for discount coupons. Simplexity therefore stands for a balance between the growing complexity of daily life & our own personal desire for this sufficiency. In order to attain this state, we have to stop always striving to make optimal decisions. In the future, it will be more important to make judgments that are just good enough.*

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From Zeitgeist →Weltanschauung → Lebensart → Logikbasis: Attributes and some understandings @24-10-2016 comm. 05-05-2017

Table of Contents

Paul Wildman
paul@kalgrove.com
The Kalgrove Institute
1200 words over 4pgs
@10-05-2017 comm. 01-11-2016

We've arranged a global civilisation in which most crucial elements profoundly depend on science and technology. We have also arranged things so that almost no one understands science and technology. This is a prescription for disaster. We might get away with it for a while, but sooner or later this combustible mixture of ignorance and power is going to blow up in our faces.
— Carl Sagan (1997), The Demon-Haunted World: Science as a Candle in the Dark

So Bricolage is a different and I would argue a better way of doing STEM than NAPLAN!!

Von-Petzinger, G. (2016). *The First Signs: Unlocking the Mysteries of the World's Oldest Symbols.* New York: Atria Books. 235pgs equiv. L1898.
Szent-Gyorgyi, A. (1970). The Crazy Ape. Philosophical Library. 100pgs.

More recently (and encouragingly), we have begun to acknowledge this bias in relation to the field's/Org psychology's longstanding neglect of those living in the deepest forms poverty (Gloss, Carr, Reichman, Abdul-Nasiru, & Oesterich, in press), but we have yet to acknowledge the systematic failures of capitalism at the root poverty—a tell-tale sign of an ideology still at work. - See more at: http://www.siop.org/tip/april17/gerard.aspx#sthash.h8XgXoOC.dpuf *Marx was right: Lessons from Lewin.* Nathan Gerard. QQ: Marx: the whole of what is called world history is nothing more than the creation of man through human labour

Marc Zakharovich Chagall – Artist - was a Russian-French artist of Belarusian Jewish origin. An early modernist, he was associated with several major artistic styles and created works in virtually every artistic format, including painting, book illustrations, stained glass, stage sets, ceram[...] fine art prints. Lived: 6 Jul 1887 - 28 Mar 1985 (age 97)

BIOS or Doula chip: (that holds the space for your Operating System to operate AND relates your OS to your hardware!!)
The BIOS, or 'Basic Input/Output System', is special firmware stored in a chip on your computer's motherboard. It is the first program that runs every time you turn on your computer. The BIOS performs the POST, which initializes and tests your computer's hardware. Then it locates and runs your boot loader, that loads your operating system directly.

The BIOS also provides a simple interface for configuring your computer's hardware. When you start your computer, you may see a message like 'Press F2 for setup.' This setup is your BIOS configuration interface. For more information about configuring your BIOS, see our guide to configuring your BIOS.

Katallageia Technology pagan vegan Late Nov to Early Dec: 1 room alter, 2 early morning, 3 One day no tech not even candles, only raw foods no phone, minimal electricity, car etc. 4 Day two CIT, Day 3 Hephaestus tech at the end of the day Hephaistos has returned! Light appears unto the world again! Fire will burn and machines will run! Praise be to the Mighty Smith, creator of many wonders for mankind!.
, Day 4 both Day 5 celeb marriage of the two esp. at night with fam and friends, 5 each day walk around the circle first anti clockwise second clockwise Katallageia is a modern festival celebrating the mythological reconciliation of Hephaistos and Hera. It was created by H. Jeremiah Lewis in 2007.
Lawrence, Jennifer. (2013) Harnessing Fire: A Devotional Anthology in Honour of Hephaestus (p. 200). Bibliotheca Alexandrina. Kindle Edition.

Floods, Green/digital Revolution

▶ *First Digital Revolution* (use of fingers)

▶ *Second DR* (computers)

▶ *First Green Rev* (inv. Of Agric 10000YBP)

▶ *Second Gr Rev* (1950's – agric and fertilizers)

▶ *Third GR* (1980's on with ballooning debt in developed nations)

▶ *First Flood* around 6000BC in Mediterranean area

▶ *Second Flood* (of people) from about 1850 – global population explosion

▶ *Third Flood* (1990 on with Internet – flood of info)

▶ *Fourth Flood* (2030 through sea rises due to the polar caps melting due to global warming)
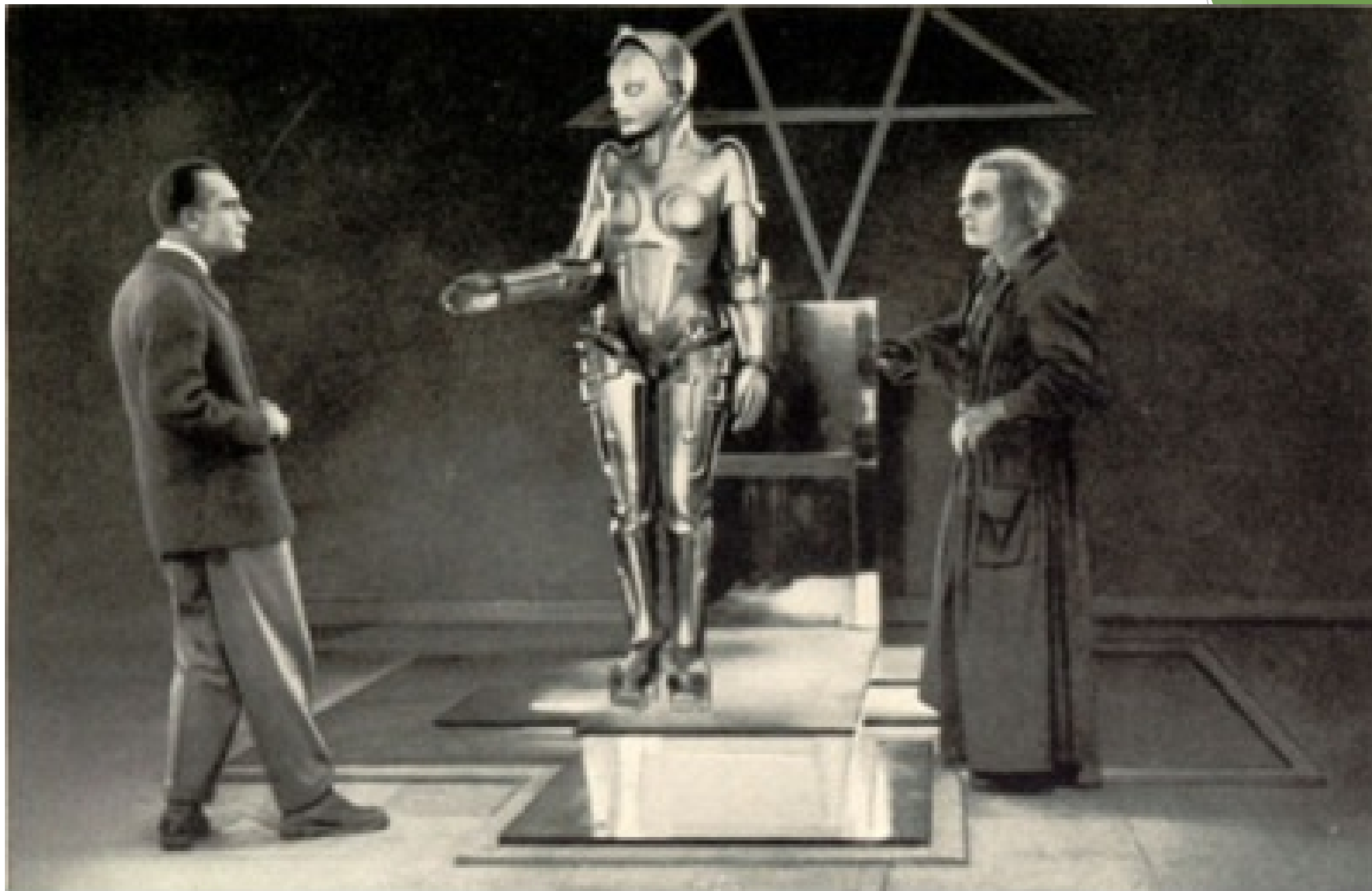
CHARACTERISTICS OF TOXIC ORG.

- 8/ 1.) PUBLIC HUMILIATION OF EMPLOYEES FOR MINOR TRANSGRESSIONS
- 4/6 2. Non-negotiable imposed measures — targets without consultation.
- 1 3. Denied agency
- 9 4. LACK OF AUTONOMY TO DO THE JOB
- 9 5. WEASAL POLICIES — WHISTLEBLOWERS
- 3 6. COMPLACENCY
- 2 7. OSSIFICATION
- 5 8. NON-EXISTENT OR NEGATIVE R'SHIPS
- 4 9. WEASAL AGENCY. — H.R.
- 8 10. SCAPEGOATING
- 4 11. LACK OF PROBLEM-SEEKING/FORESIGHT
- 4 12. UNILATERAL DECISION MAKING
- 6 13 TRADITIONAL GOVERNANCE.
- 6 14. UNETHICAL BEHAVIOUR IS REWARDED
- 15. No Concept OF INTERDEPENDENCY
- 5 16 AN IN-CROWD — OWN ADVANTAGE 'THE GANG'
- 7 17. PEOPLE WHO HAVE GIVEN UP ALREADY.
- 8 18 EXPLOITATION OF EMPLOYEES

- 8 19.) PART OF THE SHADOW STATE
- 4 20 RESPONSIBILITY WITHOUT AUTHORITY
- 5 21 UNCLEAR RESPONSIBILITY.
- 5 22 ARSE COVERING
- 5 23 FILTERING BAD NEWS.
- 4 24 NO FEEDBACK
- 4 25 FILTERING CHALLENGES/PROPOSALS
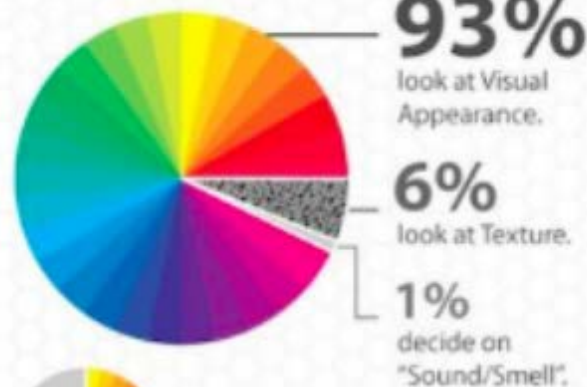- 3 26. UNHEALTHY OR UNSAFE WORK
- 6 27 NO FUTURE.

ELENA
KOTLIARKER
2014
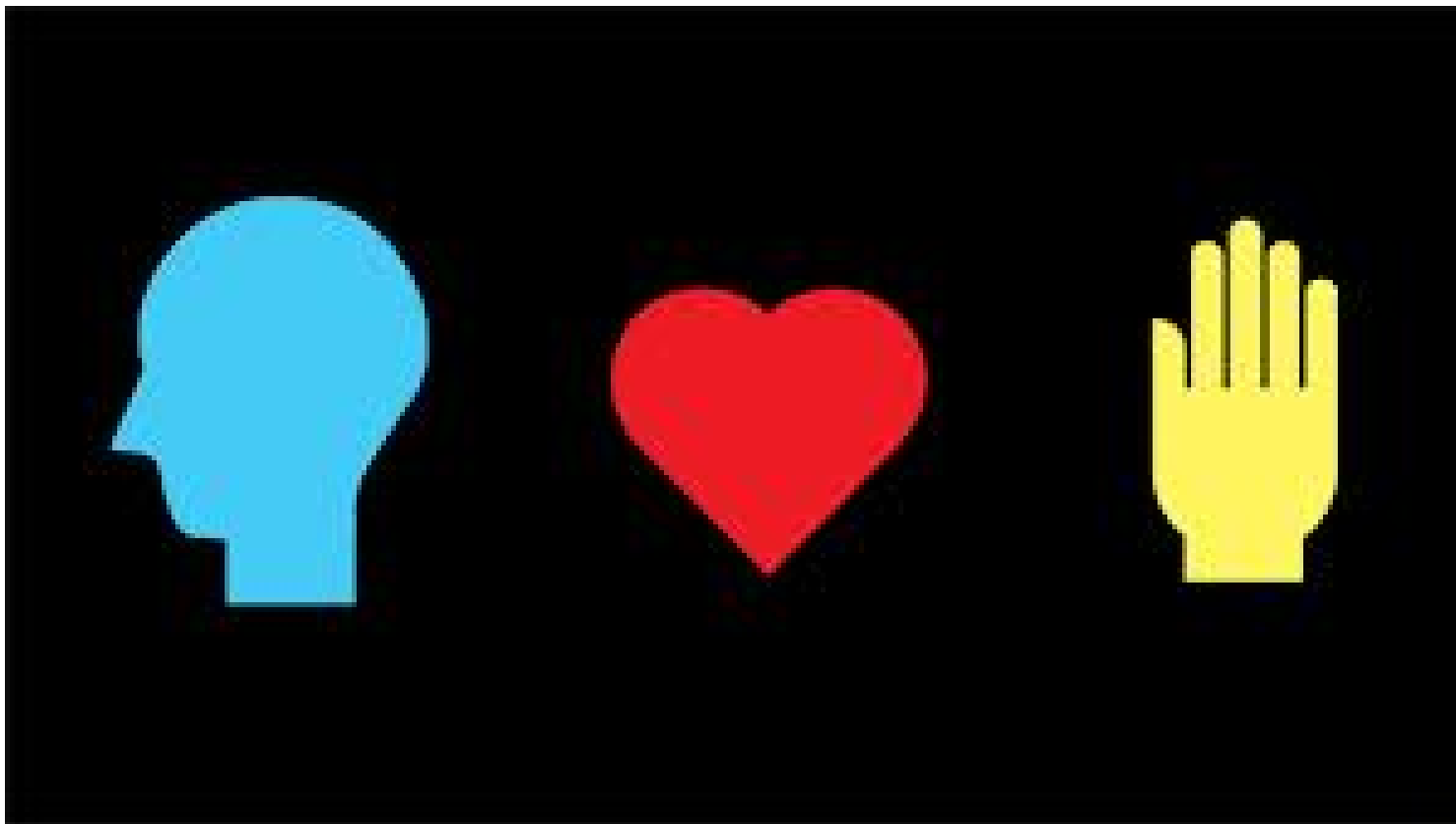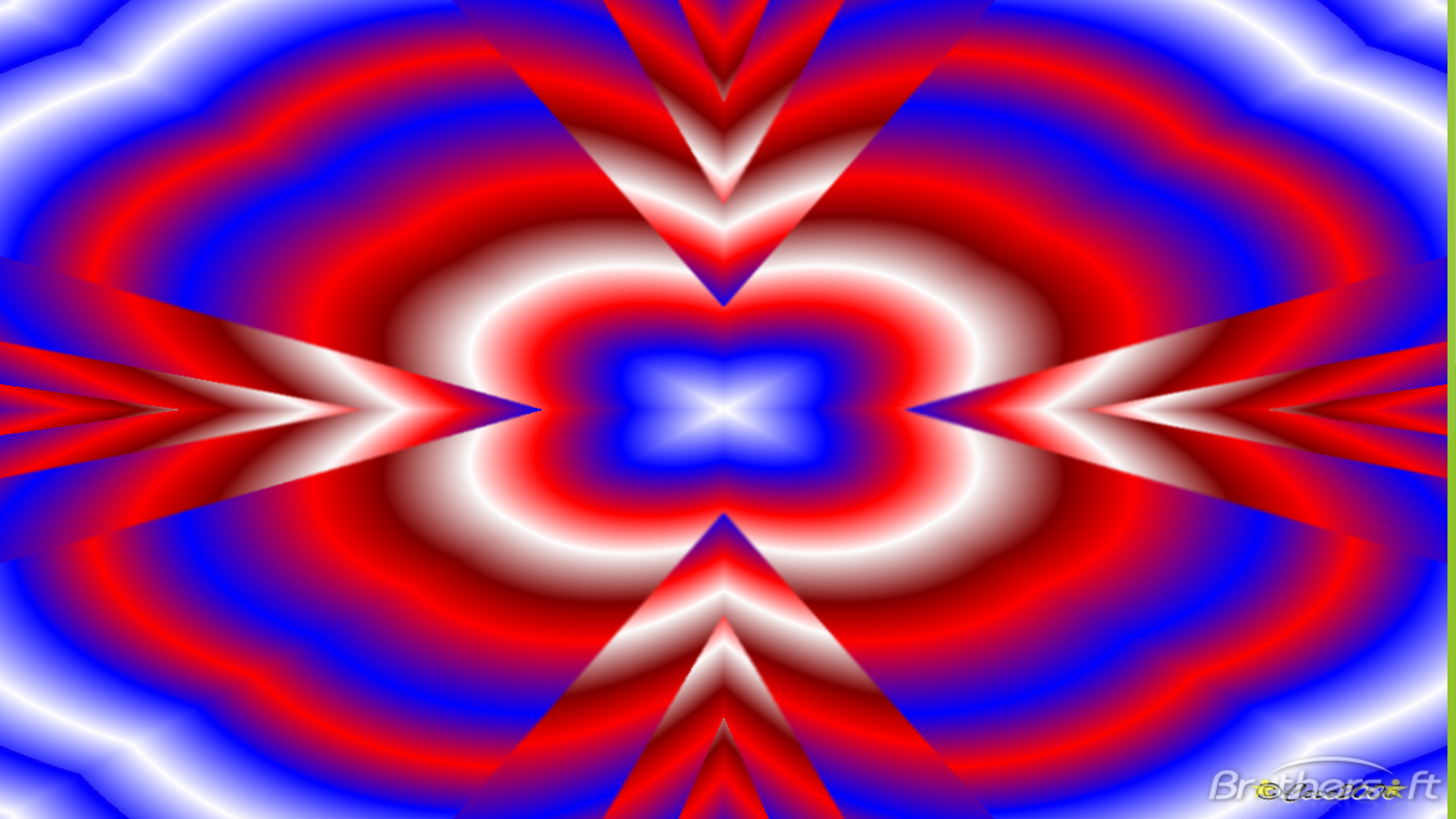
~~Finis 2~~

84.7%

of consumers cite color as the primary reason they buy a particular product.

WHEN PEOPLE BUY

93% look at Visual Appearance.

6% look at Texture.

1% decide on "Sound/Smell".

80% think color increases brand recognition.

"Research reveals people make a sub-conscious judgment about an environment or product within **90 seconds** of initial viewing. Between **62%** and **90%** of that assessment is based on color alone."
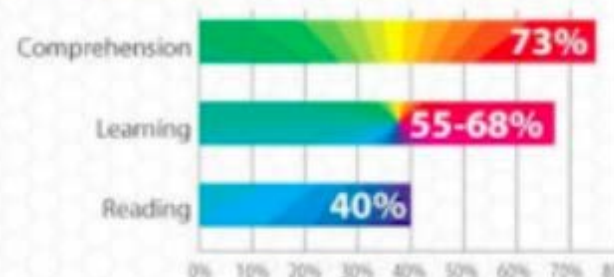
90s

52% of shoppers did not return to a store due to overall aesthetics.

OUTCOME OF THE USE OF COLOR

Ads in color are read up to

42% more often

than the same ads **in black and white.**

COLOR CAN IMPROVE

Comprehension	73%
Learning	55-68%
Reading	40%

0% 10% 20% 30% 40% 50% 60% 70% 80%

Transhumanism Play

A Transhumanism slant to children's play – so this means the child is encouraged to conceptualise, design, fabricate and then play with individually or in a group, using bric-a-brac on hand at the time – subsequently this process can be repeated using the same materials after it has been disassembled.

What we are trying not to do is to have the child play with toys!!! And especially those that require instructions and especially instructions that need to be read to the child that is we are seeking to avoid colouring between the lines so to speak metaphorically that is.

Transhumanism play is play that :
Play that engages the definition of the Transhumanism:
What then is Bricolage? (B from French means 'tinkerer') is about the design and use of local/indigenous human ingenuity in a 'crafty' construction made of whatever materials are at hand; something created from a variety of available things – a Jack or Jill of all trades and master of some!!
A person/craftsperson/design/play system who/which actions a *logic base (following slide)* that is comfortable with unfamiliar realms and emergent situations and who is prepared to try/mix'n'match various options out, using *safe-fail rather than fail-safe*, until a suitable design emerges, such a form of praxis includes design, fabrication & use of both the Project, & the tools for the job at hand.
Bricolage is two tools in one 1 for analysis and 1 for synthesis AAA – the Transhumanism/hermeneutic learning circle so to speak. This means the box of stuff we spoke about will need to include 'stuff' that can be pulled to bits and put back together differently e.g. Velcro
Tool in the sense of *Techneque* (tool as extension of the human) rather than *Technique* (human as extension of the tool) an absolutely crucial nuance

PB Logic Base:

Four underlying processes: (PB (applying the six principles of Bricolage, AR (Archaic Renaissance), DP (Direct Participation) & DE (Deep Empathy)

Attributes of PBLB:
1 **_Participatory governance_** – Deep Participation & collaboration of M2M
2 Blending **_Agency with dexterity,_** 3 **_techneque before technique,_**
4 A recognition that **_'hand-makes-head'_** _i.e._ 'chiro generated cogno' and
5 Incorporates **_robust functionality_** _and_ **_Simplexity_** over complexity,
6 **_DIO Resilience_** esp. for youth inc. young men,
7 **_Learning by doing_**: the curriculum from the lived life of the student
8 **_Evolvable sustainability_** - through practical creativity, community economy and harmonisation of diversity not centralisation of conformity,
9 **_Glocality_**, 10 operates often beneath host systems' radar,
11 **_Politics of Peace_** inc. 12 A strong commitment to **_Power-with_** rather than Power-over governance