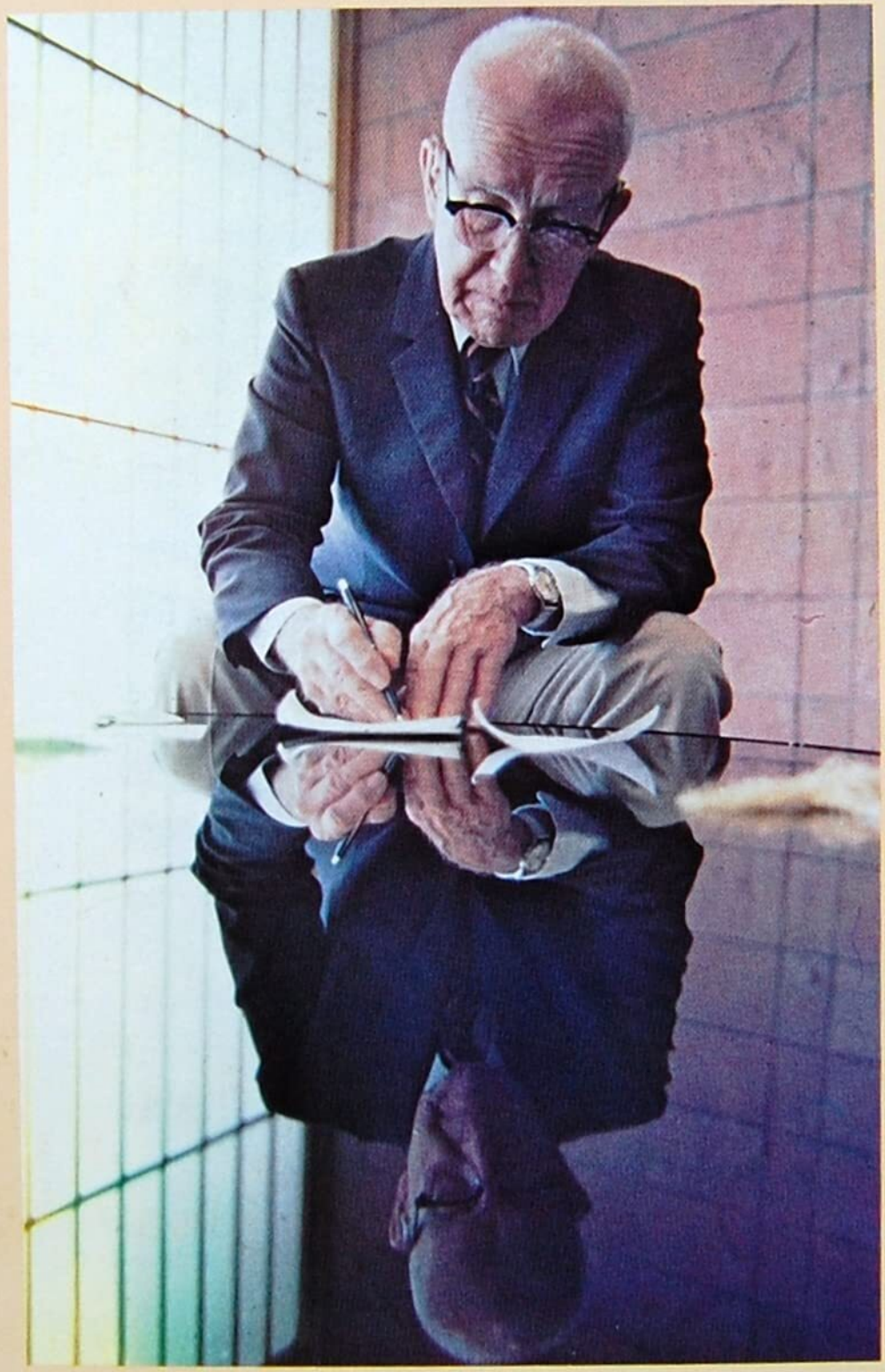
R. BUCKMINSTER FULLER

AND IT CAME TO PASS -NOT TO STAY



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R. Buckminster Fuller

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How Little I Know

TELL ME

in five thousand
Written words—
(Equivalent, at my oral rate,
To three-quarters of an hour's discourse)
What you have learned—
In your lifetime,
Said Norman Cousins.
"That ought to be easy," said I.
Three weeks have gone by—
I recall that Thirty-eight years ago
I invented a routine Somewhat similar to Muscle development Accomplished through A day-by-day lifting Of progressively heavier weights.
But my new Intellectual routine
Dealt with the weightless process Of human thought development Which subject is Known to the scholars As *epistemology.*
And I have learned
That such words as Epistemology Stop most of humanity From pursuing
Such important considerations As the development
Of the thought processes.
So my new discipline Was invented for dealing Even with the ephemeral Which word means
Conceptual but weightless— As is for instance
The *concept* of *circularity.*
My new strategy required That on successive days I ask myself
A progressively larger

And more inclusive question Which must be answered Only in the terms of Experience.

Hearsaids, beliefs, axioms, Superstitions, guesses, opinions Were and are All excluded

As answer resources

For playing my particular Intellectual development game.

However, when lacking Any possible experience clues I saw that it was ineffectual To attempt to answer

Such questions as for instance“Why I?” Or“Why…

Anything?”

And because it was my experience That some individuals Proved as persistently faithful In reporting their experiences to me As were my own senses The rules of my game permitted My inclusion of such individuals' Directly reported experiences In my inventory of experiences For use in my progressively Great and greater Self-questioned answering.

In playing that game

I soon came

To what I assumed to be both The largest askable and The largest answerable Question:

“What do you mean,” I asked myself,“By the word Universe?

If you can't answer

In terms of

Direct experience *You must desist From the further use Of the word UNIVERSE For, to you*

It will have become Meaningless!”

The 20th century physicists, In defining physical Universe As consisting only *of* energy, Deliberately excluded metaphysical Universe—Because the metaphysical Consists only of imponderables, Whereas the physical scientists Deal only with ponderables—Wherefore their physical Universe Excluded for instance All our thoughts—Because thoughts are weightless—

But thoughts are experiences—Wherefore I saw That to be adequate To the intuitively formulated And experience-founded controls Of my ever bigger Question and answer routine, My answering definition Of UNIVERSE Must be one which *Embraced the combined Metaphysical and physical Components of UNIVERSE.*

Thus my self-formulating answer emerged, And has persisted unshattered By any subsequent challenges From myself or others

As:

“By Universe I mean:

The aggregate of all humanity's Consciously apprehended And communicated (To self or others) *Experiences.”*

And later I discovered that Eddington had said *”Science* is: The conscientious attempt To set in order

The facts of *Experience.”*

And I also discovered That Ernst Mach—The great Viennese physicist, Whose name is used to designate flight velocity In *speed of sound* increments, Known as Mach numbers—Said:

”Physics is: *Experience* Arranged in Most *economical order.”*

So I realized that

Both Eddington and Mach Were seeking to put in *order* The same“raw materials”—*I.e. Experiences—*

With which to identify Their special subsystems Of UNIVERSE.

Wherefore I realized that All the words in all dictionaries Are the consequent tools Of all men's conscious And conscientious attempts To communicate All their experiences—Which is of course To communicate Universe.

There are forty-three thousand current words In the Concise Oxford Dictionary.

We don't know who invented them!

What an enormous, anonymous inheritance!

Shakespeare used ten thousand of them With which to formulate

His complete“works.”

It would take many more volumes Than Shakespeare's to employ The forty-three thousand—Logically and cogently.

In a five thousand word article I would probably have use for Only one thousand. Are forty-two thousand Of these words Superficial and extraneous In reporting on *What I have learned?*

I have learned that

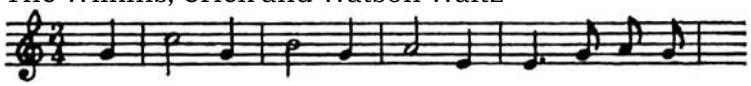
You would think so

If you ever saw a magazine's Space rewrite editor At work on my work!

“What's stopping you?” said Norman.“I'm not stopping—I've never started.

I can't find the self starter
Or, more truthfully,
The self starter can't find me Oh—there it goes”
Womb days—
Womb days—
Dear old tummy tomb day: I can't consciously recall Those busy elementary assembly days But post-graduate activity in Experimental biology
By me and you (one and two) Which surprisingly produced Wee thee (we three) And more (four) Suggest to us
That our subconscious reflexing Can never forget
The satisfactory routines of our 273 Undergraduate days.
Probably no billionaire Out here in the air“Ever had it so good.”
It is understood
That if you know that I know How to say it“correctly” (The exact meaning of which I have not yet learned) Then I am entitled to say it All incorrectly Which once in a rare while Will make you laugh.
And I love you so much Whenever you laugh. But I haven't learned yet What love may be But I love to love And love being loved And that is a whole lot *Of* unlearnedness.
I haven't learned yet What laughter is
But a mother told me
How surprised was she
When an undergraduate first
Belly laughed in her
Alma mater
Dormitory.
I haven't learned
How or why
Universe contrived to implode
And intellectually code
The myriadly unique
Chromosomically orchestrated
DNA-RNA,
Quadripartite moleculed,
Binary paired, Helically extended

And unzippingly dichotomied
Regenerative symphonic
Jazz, as
A one and two,
Three and four
Me You,
Thee they
And more
Thine and mine,
Sweet citizen.
****
THYMINE-CYTOSINE
GUANINE-ADENINE
****
That tetracouplet
Won the Nobel prize
The Wilkins, Crick and Watson Waltz



C-G T-A A-T G-C A-TG-C
And that GC-TA jazz
All synced into
The nonsimultaneous aggregate Of complex frequency integrated, Multi-degrees-of-freedom permitted, Individualized sequences, Of experience evolutions,
Which we wave-modulatingly identify, In the subconsciously formulated, Tongue and lips shaped, Omnidirectionally propagated, Air wave patterning—
Sound
WORLD
—Whirled into the world Of positive and negative Of—

MALE	and	FEMALE
Singular	and	Plural
Discontinuous	and	Continuous (has ovaries)
Compression	and	Tension

Hunter	and	Consolidator
Differentiator	and	Integrator

I	and	O
In live	and	Out
		1 O v e
evil	and	e v O 1
evllution	and	evO lution
devil	and	1 O v e d

The Devil lived But never loved Which is lonely—L —one —only
As are all
Self I-s-O-lations
So let's withdraw
From exclusivity,
Into world music
Where—
As yet dancing to
The DNA waltz—
I am now seventy years, or
Approximately 600,000 hours old.
I have slept away 200,000 of those hours.
While another 200,000—Which is half of
My 400,000 awake hours—

Have gone into routine work which has been Prescribed, imposed or induced by other men—Such as being“educated,” earning a living, Paying taxes, obtaining licenses, Answering telephones and questionnaires. And another 100,000—

Half of the remaining 200,000 awake hours—
Have gone also into routine work But this time prescribed
In the by-laws of membership

In the nonsimultaneous invention, Universe—As one of its impressively independent, Variable functions—

A *human* member.
Each such member is
A metabolically regenerative
Ninety-nine percent automated,
Individually unique,
Abstract, pattern integrity system,
Whose input-output energy involvement
And control capability
Must continually expand, extend, relay, rebuild
And maintain, as"operative,"
An interior-exterior, bipartite tool complex
Beginning with an integrally centralized organic set Which is subsequently extended into An extra corporeally decentralized organic set.

Both of which interior and exterior sets consist of Progressively interchangeable and intertransformable Chemical, hydraulic, pneumatic, Electromagnetic, thermodynamic, Molecular and anatomical, Structural patterning processes.

All of which complex Regenerative processes Are compounded as a unitary, Invisibly minute, Abstract pattern marriage operation, Inaugurating a new individual life Which like a telephone message Has some of the thoughts of both parties Yet weighs nothing in itself But makes its compounded Pattern self known

By a complex pattern of orderly and local Physical environment displacements, Which—as the circular wave Emanating in any liquid

Such as water, milk or kerosene, From the impact of an object Dropped in the liquid—Grows or expands regeneratively.

But as with the circularly expanding Weightless wave emanation There occurs also at outset

A momentary displacement exchange As a centralized splash-back Dissipated against gravity To balance the local accounts.

And thus there is propagated An abstract and weightless
Horizontally flowing

Wave impulse pattern integrity Which though visibly apprehended By its succession of local displacements Does not consist of a horizontally moving And ever increasing aggregate Of water molecules.

There is another experiment

Which discloses the pattern integrity Which can be demonstrated By taking three different Pieces of rope of equal diameter One of manila

One of nylon

One of cotton

And making a beautiful running splice Of one end of the manila rope Into the end of the nylon rope

And the other end of the manila rope Into the end of the cotton rope.

Next we make a simple back loop knot In the end of the cotton rope And slide it along the cotton rope Until it slides along over the splice Into the manila rope and along the manila Until it slides past the splice Onto the nylon And makes it clear

That the knot is neither

Cotton, manila, nor nylon But a pattern integrity Made visible to us

By its temporary local displacement Of the electromagnetic frequencies Visible to us as colors

Within the frequency range Tunable by our human optic system.

Neither water nor rope

“Went” anywhere

Only the weightless pattern integrity Moved from here to there.

So too does the complex wave package Of *human being* pattern integrity Begin to compound and

Expand regeneratively

The local environment's chemical association

And disassociation events;

Continually shunting more

And more chemical event patterns

Into its local disturbance—

Like a tornado gaining twist,

Power and *visible presence* on Earth

By inhibiting ever

Greater quantities of

Locally available dust, fibers,

Water droplets and larger objects—

Until the new human being

Nine months later emerges From its mother's womb As a seven-pound, placid, Pink tornado.

And this tomato-tinted tornado—me—

Swollen 24-fold to approximately 160 pounds—Each day takes in and compoundingly processes Approximately three pounds of foods, Six pounds of water and Sixty-four pounds of air—

From which it extracts six pounds of oxygen:—Amounting at my seventy years

To a cumulative total

Of approximately 1,000 tons—

The weight of one United States Navy's World War Two destroyer,

Or 300,000-fold my arrival weight.

But the thousand tons Is in effect the weight Of a seventy years long Thirty-six inch girthed “rope” Twisted of imaginary strands Of food, water and air molecules Drawn randomly from all around Earth, And twisted temporarily together.

Into the molecular rope

A complex slip knot has been“tied”

Which complex knot

Is both internally and externally

In the exact pattern

Of the complex, pattern integrity:

Me—

Which has been slipped

Along the rope

By time.

And as the knot passed, The rope behind it Disintegrated and Its atoms dispersed And deployed into

Other biosphere function patternings.

Concurrently with“slipping” of corporeal“me The extra corporeally decentralized Originally integral functions of“me” Are externalized into a complex of tools Averaging ten tons of steel, Twenty-nine tons of concrete Plus one mixed ton Of all the other metals Per each industrialized man.

And man's tool extensions Process Universe energies, Occurring only externally to man, and

Provide each 1965

North American type industrialized human

With two-hundred, 24-hour-serving, energy slaves;

Each slave being capable

Of doing as much physical work as A human can do;

But at a ten millionfold

Finer degree of precision;

While working tirelessly Under conditions of heat And cold which would destroy man.

All of this combined internal and external Metabolically regenerative man package Arrives without any instruction manual Covering either its own operation Or that of nonsimultaneous Universe Within which man must function As an independent variable.

But the human package

Of integral and deployed tooling Has fortunately

The built-in subconscious capability Of self-discovery which in turn Has discovered its conscious ability To discover experimentally and progressively The ability to formulate concepts and words And thereby to relay to other contemporaries, And to subsequent generations of man, The apprehended data and Comprehended principles Apparently governing Some of the Operations

Of Universe

Including man.

Of my remaining 100,000 hours 60,000 have been used

In getting from here to there;

And that has left me

A bonus of 40,000 hours

Or $6^2/s$ percent of my life's total hours To invest at compound interest In whatever way the“Conscious” I

Wishes.

It is hard therefore to explain Why conscious I

Should have behaved so perversely As to have concentrated on producing Explosives equivalent in destructive capability To fourteen tons of TNT

Per each and every human on Earth.

And how perverse I have been Is only to be comprehended When it is realized

That the 14 tons per capita Of self-annihilating explosives Represents an energy harvest Which if properly cultivated Could have been made to support At high standard of living All human life on Earth

For all the rest

Of this century

While thus providing the opportunity To invest the gained time In providing for all

Human generations to come.

I'm not inclined to use

The word“Creativity” In respect to human beings;

What is usually spoken of as creativity Is really a unique and unprecedented

Human employment of *principles* Which exist *a priori* in the Universe.

I think man is a very extra-ordinary Part of the Universe

For he demonstrates unique capability In the discovery and intellectual identification Of the operative principles of Universe —Which though unconsciously employed Have not been hitherto differentiated, Isolated out and understood As being principles, By other biological species.

Rejecting the word“creativity” For use by any other than The great intellectual integrity Progressively disclosed as conceiving Both comprehensively and anticipatorily The complex interpatternings Of reciprocal and transformative freedoms In pure principle

Which apparently govern Universe And constitute the verb god, I go along with the 5,000-year-old Philosophy of the Bhagavad-Gita Which says“Action is the product Of the qualities inherent in nature. It is only the ignorant man, Who, misled by personal egotism, Says 'I am the doer/“ I am most impressed

With the earliest recorded philosophic statements By unknown individuals of India and China. Through millenniums the philosophies Have become progressively Compromised and complicated.

I am an explorer, however,

Of the generalized design science principles Which seemingly differentiate Man from animal

And *mind* from *brain.*

The word“generalization” As used in the *literary* sense, Means“a very broad statement.” It suggests covering too much territory —Too thinly to be sound.

The literary men say“This is too general.”

In the mathematical sense, The meaning of generalization Is quite different.

The mathematician or the physicist Looks for principles which are Persistently operative in nature, Which will hold true in every special case.

If you can find principles That hold true in every case, Then you have discovered What the scientist calls A *generalized principle.*

The conscious detection of

Generalized principles which hold true Under all conditions

And their abstraction from any and all Special case experiences of the principles —Is probably unique to humans.

By abstraction, I mean an idealized,“Empty set” statement

Such as, for instance, one of my own!

—“Tension and compression are only coexistent —E.g., when you tense a rope

Its girth contracts—ergo compresses.

When you compress a sphere's polar axis,

Its equatorial girth expands and tenses, It is inconceivable that a dog

Tugging at its leash at one time

And, compressing its teeth

On a bone at another time,

Should formulate consciously

The generalized

“Only coexistence of tension and compression,” Though the dog is subconsciously coordinate In tension-compression tactics.

To generalize further than

“Tension and compression are only coexistent,”

We may say that“plus and minus

Only coexist”

And generalize even further

By saying “Functions only coexist.”

Then there is an even more powerful

And intellectually more exalted stage

Of generalization of principles

And that is the generalization

Of a complex of generalizations

—Such as—unity is plural and at minimum two
—Which combines the generalized law
Of the coexistence only of functions
With the theory of number.
In turn we discover the generalizations
Governing the associative powers
Of the nucleus and of the weak interactions
For the unity is two
Of the congruent, convex and concave spheres
As evidenceable in the generalized laws
Disclosed conceptually, arithmetically, and geometrical In synergetics.
I am certain that what we speak of As human morality
Is a form of tentative generalization
Of principles underlying
Special case experiences of human potentials, Behaviors, actions, reactions and resultants.
Man has also the unique ability
To *employ* generalized principles
—Once recognized—
In a consciously selective variety
Of special case interrelationships.
The whole regenerative process
Of intellectual discovery
And specialized use of generalized principles
Is known as teleology.
Teleology embraces
The theory of communication,
Though as yet having special case limitations.
It is a hypothetical
Approach to pure, abstract generalization
To say that *teleology*
Is only intuitively initiated by humans.
Intuition alerts brain
To first apprehend

And then recognize
Each special case experience
Within some minimum number
Of special case recognitions.
Intuition alerts mind
To comprehend, and
Formulate conceptually
The abstract generalization
Of a principle recognized
As operative in all the special cases.
Intuition alerts brain to
The objectively employable generalized principle
In hitherto unexperienced special case Circumstances inexplicably remote From the earlier set of
Special case experiences within which The generalized principles were first experienced Before their generalization Occurred in the mind.
Teleology—as part
Of communications theory Relates to the pursuit of truth. As entropy and antientropy. It may be that Communications theory
May be mathematically equated With electrical
Transmission theory Whereby the higher The meaning or voltage The more efficient And longer distance Communication attainable.
Based on experiments with any *and* all systems, The second law of thermodynamics Predicts the inexorable energy loss Known as ENTROPY.
Because the escaping energy Does so diffusely, In all directions, Entropy is also known Mathematically
As“The Law of Increase Of the Random Element.”
Before it had been discovered
By rigorous experimentation That light has a *velocity* It was erroneously assumed To be “self-evident”
That light was instantaneous—That all stars in the sky Were “right there now” In exact geometrical pattern, Being seen instantaneously And simultaneously By all who looked their way.
But since Michelson's measurement Of light's speed

We have learned that The light from the Sun, Our nearest star, Takes eight minutes To reach us here on Earth.

From our next nearest star Light takes two years To reach our planet Earth.

And other stars Are so far away Their light takes millions Of years and more To reach us.

Assuming instant-Universe Classical Newtonian science Also assumed that Universe Must be an instant system—A simultaneous unit machine, In which every part Must be affecting Every other part, In varying degrees But in simultaneous unity. They assumed also that the Unit and simultaneous universe Must of course obey The great second law Of thermodynamics Whose, inexorable, Entropic energy loss Required self-dissipation And ultimately utter Self-annihilation Of universe.

“Running down” they called it Wherever“down” may be.

Though light's speed

Of seven hundred million miles per hour Is *fast*

It isn't anywhere nearly as fast

As“instant”—

Which means reaching anywhere“In no time at all.”

Ergo, the Einsteinians Instituted experiments To ascertain the behavioral characteristics Of a physical universe comprised Of only partially overlapping, Progressively intertransforming, Nonsimultaneous, energy events.

The Einsteinian Era scientists' experiments Showed that entropic energies Accomplished their disassociations *here* Only through associations *there*— That is by regrouping elsewhere. Thus early 20th-century scientists Found the intertransformative Energy quanta transactions, To be eventually, But not always immediately, One hundred percent accountable.

As a consequence of

The Einsteinians' experiments

The eighteenth and nineteenth centuries' Concept of a continually Self-dissipating universe Had to be abandoned

And in its place was established The, experimentally required, Law of Conservation of Energy Which states that energy

May be neither created nor lost;

Ergo the energetic Universe Is the minimum,

But nonsimultaneously realized, Energy exchanging system, Which is to say

That physical Universe, As experimentally demonstrated Is the minimum and only Perpetual motion process,

Which as an aggregate of finite, Dissimilar and nonsimultaneous

Energy events

Is in itself Sum totally finite.

All the foregoing

Dissipates the foundations Of the Newtonian world's Cosmogony and economics Which assumed

That a“running down world” Suggested the prudence

Of saving, conserving and hoarding;

And that those who spent Were fools who would perish As resources dwindled.

Though entropically irreversible Every action

Has its reaction and resultant,

And every nuclear component Has its positive or negative Behavioral opposite Which is however

Not its mirror image.

And the irreversible situations Give an evolutionary direction To otherwise stalemated Conditions of physical Universe.

For instance it is discovered

That wealth, whatever else it may be, Cannot alter an iota of yesterday And can alter only

The present and forward Metabolic regeneration Conditions of humanity.

Song of the Dead And the Quick—Newton was a noun And Einstein is a verb. Einstein's norm makes Newton's norm INSTANT UNIVERSE, Absurd.

“A body persists In a state of rest Or—

Except as affected—”

Thus grave stones are erected!

Nonsimultaneous, physical Universe Is Energy; and

“Energy equals mass Times the second power *Of* the speed of light.” No exceptions!

Fission verified Einstein's hypothesis—

Change is normal Thank you Albert!

Irreversible verse.

Einstein's intellect

Defined *energy* as $E = Me^2$ *Energy* cannot define *intellect.*

Intellect the *metaphysical* Is comprehensive to Energy the *physical.*

While Universe is *finite* Energy is *definite* Because definable Energy is XY.

Intellect is 0.

The wealth of Earthians

Is irreversible.

Wealth cannot alter yesterday's experience.

It can only alter today's and tomorrow's experiences.

It can buy

Forward time in which intellect

May scientifically explore for

The orderly interrelationships

Disclosed in yesterday's experiences Which can be employed by intellect To forecast

Anticipatory and orderly rearrangements of tomorrow By technological transformations

Of the physical energy environments, Events and circumstances.

Wealth is the organized and operative

Tools and energy capability

To sustain man's forward metabolic regeneration;

To physically protect him;

To increase his knowledge

And degrees of freedom

While decreasing his interfrustrations.

Solo wealth is to commonwealth

As X is to X^4.

Wealth is: Energy *compounded With intellect's know-how.*

Every time man uses his *know-how* His experience increases

And his intellectual advantage Automatically increases.

Because of its *conservation* Energy cannot decrease. Know-how can only increase. It is therefore scientifically clear That:—wealth which combines Energy and intellect

Can *only increase,* and that wealth can Increase *only ivith use*

And that wealth increases As fast as it is used.

The faster—the more!

Wealth is accountable as

The inanimate energies shunted Onto the ends of industrial levers Whose physical capability is Stateable in forward, automated, Man days of travel miles With first class comprehensive services Including food, lodging, clothing, Amusements, communication, information And medical services

Based on the average physical experiences Of a top civil service rating's

World travel involvements.

Has man a function

In Universe?

In dynamical balance With the inside-outing, *Expanding universe*

Of radiant stars, Man witnesses Radiantly dormant Earth as A collecting or outside-inning, *Contracting phase,* of Universe. Earth receives and stores, A continually increasing inventory Of sun and star emanating radiation In its lethal-energy-concentrates Sifting, sorting and accumulating Spherical Van Allen belts.

In addition to the Van Allen belts The succession of Earth's concentric Spherical mantles, e.g., The ionosphere, troposphere *et al.,* Constitute an extraordinary series Of discrete filters for The random-to-orderly sorting, Shunting, partially accumulating And final inwardly forwarding Of the benign radiation residues To the biosphere stage Of Earth's continual and orderly Processing of its discrete share Of the expanding-Universe-propagated Energy income receipts. Earth also receives daily Additional thousands of tons Of expanding-Universe-dispatched Stardust.

This concentration around Earth's surface Of the Universe-deposited dust Apparently consists of 91 of the 92 regeneratively patterning Chemical elements

In approximately the same systematic order Of relative abundance of those elements

As the relative abundance

Of those same elements

As they are found to occur

In the thus far inventoried

Reaches of Universe.

The biological life on earth

Is inherently antientropic

For it negotiates the chemical sorting

Out of the Earth's crust's

Chemical element inventory
And rearranges the atoms
In elegantly ordered
Molecular compound patternings.
Of all the biological antientropics,
Le., random-to-orderly arrangers,
Man's intellect is by much
The most active, exquisite and effective agent Thus far in evidence in Universe.
Through intellect, man constantly succeeds In inventing technological means Of doing ever more orderly
Le., more efficient,
“Better sorted-out/'
Local Universe, energy tasks
With ever less units of investments
Of the (what may be *only apparently), “Randomly” occurring*
Resources of energy,
As atomic matter,
Or *energy* as *channeled electromagnetics.*
To guarantee
All of life's
Antientropic functioning,
Intellectual integrity Universe
Which has designedly arranged the great game Has also arranged that mankind, Like all the other living species,
Has its ultra-shortsighted, Built-in,“desire” drives, Its romantic conception ambitions And protectively colored self deceits, As well as its longer distance“needs,” All of which cause each species To pursue its particular“honey”
With its particular rose-colored glasses, As does the bumblebee
Which at the same time
Inadvertently and unconsciously performs Myriads of other tasks, Designed with fabulous
Scientific capability by nature, Which inadvertent interco-ordinate tasks Unknown to the separate creature species Are all essential to realization
Of the regenerative continuance Of the much larger

Survival support conditions For the generalized

Ecological system of“all life.”

It is part of

The comprehensively anticipating, Design science of life

That the bumblebee's self-unviewed, Unwitting, bumbling tail

Bumps into and knocks off male pollen, Which it later

And again inadvertently,

Knocks off upon the female botanical organs, Thus unconsciously participating in A vastly complex ecological interaction Of the many energy processing Bio-chemical “gears”

Of the total life system Dynamically constituted by All the living species.

The myriad inadvertencies Of all the living species Have sum totally provided A metabolically sustaining And regenerative topsoil process Which—it is realized now, But only by

Our retrospectively gained knowledge—Has kept man

Regeneratively alive on Earth For at least two million years, While ever improving

His physical survival advantages And increasing his longevity..

This vast “game playing” of life Has also indirectly occasioned Not only the regenerative multiplication Of human beings,

But also a progressively increasing Percentage who survive in conditions Of ever improving Physical advantage.

I think man is very properly concerned About that which he does not understand.

I don't think that it is the machine per se That bothers man;

It is just not understanding Anything

That disturbs him.

When an accident bares

Portions of human organs Familiar only to doctors, Those organs look foreign And frightening to people. Stick your tongue way out Before a mirror.

It is a strange looking device.

If existing originally and

Transcendentally as psyches only, Individuals had to choose, And assemble their own sets

Of organic parts,

Having been assured of mortal incarnation And of mortal“honey chasing” experiences But only after successful selection And completion of the assembly—And were endowed—as psyches—Only with an aesthetic

Sense of selectivity,

Being devoid of any understanding Of either the separate or integrated Functions of those parts—No humans would merger

Those co-operatively functioning parts

Into mortal beings

For no part of the“guts”

Would be chosen.

Nature had to skin over the regenerative Chemistry and physics controls, With an aesthetically intriguing, Pseudo-static, sculptural baby doll unity In order to trick the immortal psyches Into the problem-beset,

Temporary occupation

Of such humid process regenerative machines As those of the humans.

I have learned

That man knows little

And thinks he knows a lot.

When any man can tell us

Just how and why he is handling and disposing The energies of his breakfast;

How he breaks down his chemical energy and To which glands he is routing

The diversified energies of his ham and eggs; Or when any man can tell us

That he is deliberately

Pushing each of his million

Head hairs

Out through his scalp

At specifically preferred rates

And in specifically controlled shapes

For specific purposes,

We may say that this man

Knows a little,

But I don't know of any man

Who can tell me

So little even as

Why we have hair.
I am the most unlearned man I know.
I don't know anyone
Who has learned
How little one knows
As have I.
But that does not belittle
The little I seem to know,
And I have confidence
In the importance of remembering
How little we know
And of the possible significance Of the fact that we prosper, And at some times even enjoy Life in Universe
Despite the designed-in littleness That we have to“get by with.”
I like algebra
Positives more powerful than negatives
minus wins
(+) X (-) = (-) (+) X (+) = (+) (-) X (-) = (+)
plus wins only by default plus wins
The game is over—
Plus wins two to one.
What the astronomers rank as
The nearest“bright” star to Earth
Is“Rigel Kent”
Which is three hundred thousand times Further away from Earth than is the Sun.
It is easy to see a man
One third of a mile away and
We were surprised when young
To see a man
At that distance
Swinging a sledge
To drive a post into the ground
And to realize
That the sound of his maul

Hitting the post top
Registered in our brain
As reported through the ears
Four seconds later
Than had the visual news
Which“long since” had told us
That he had once more
Hit the post.
Through physical experiments
Performed by our scientists
We have learned that
The highest known velocity
Among physical phenomena
Is the speed of light and all radiation Relayingly scanned by nerve lines To our brain's television conceptualizing Through the optics of our eyes.
Because the speed of light
Is approximately 186,000 miles per second, And the Moon is
About twice that distance
Away from Earth.
If we had a large mirror on the Moon,
And we flashed a powerful
Light toward the Moon
It would take four seconds
For the light to be reflected back
To our eyes.
That is, the light takes
Two seconds to get to the Moon
And two more seconds
To return to Earth.
And the overall four seconds lag
Of the visual report
Is the same time lag as that in
Our childhood realized lag
Of the *sound report*

Behind the *visual report*
Of the post-sledging event.
Because the light coming to Earth
From the Moon
Takes two seconds to make the trip,
And because the light
Coming to Earth from the Sun
Takes eight and one-half minutes,
And because the light
Coming to us from Rigel Kent
Takes four and one-half years,
We all see a live show
Taking place in the sky
Four and one-half
Years ago.
And as we gaze around
The starry heavens
We see right now
Live shows of "yesterdays"
Ranging from millions to sextillions of years ago, As we look at the stars
We see all of history Now alive.

It took only two million years and Four and one-half billion human babies To establish a human survival beachhead Aboard the little Eight-thousand-mile-diameter Spherical Spaceship EARTH Whereby life could successfully realize Its highest known potential life span Possibly to continue indefinitely As one self-rejuvenation generation. Few of the stars we look at, Live-starring out there, Are young enough To witness

Those first human events Taking place on Earth Only two millions of years ago.

Since all the vital parts Of human organisms Have now become interchangeable, And many of them

Have also become interchangeable With inanimate mechanical parts, And since human longevity Is continually increasing There is a good possibility That humanity is developing A continuous human

Who will persist in prime health And youthful vigor

With the lessening of need To replenish the population With fresh baby starts, The built-in drives to procreate

Will lessen and be manifest in a proclivity Of females to camouflage as male And males to camouflage as female Thus suppressing the procreative urge By superficial antipathetic illusions, While permitting and promoting Procreatively innocuous sex companionships.

Despite their billionfold numbers Babies and very young children Soon after their arrival on Earth Have uttered and continue to utter Spontaneous comments and questions—Concerning life on Earth And in Universe—

Which are so economical And uniquely fresh In viewpoint and formulation As to be pure poetry Apparently proving that poetry is inexhaustible;

To which their sophisticated

And surprised off-guard adult audience Cliche unpoetically“Oh how cute.”

In the year 1964

The one hundred largest Industrial giant corporations, Born and reared

In the United States of America Invested four out of five

Of their new plant and equipment Expansion dollars

In production and service facilities In world lands outside the U.S.A. This trending to World identity only Of the industrial giants

Held true also not only with thousands

Of lesser magnitude

U.S.A, and European born

Limited liability industrial organizations

But also with the Communist countries'

Giant industrial organizations.

Wherefore world industrialization trends swiftly—And altogether transcendentally

To man's conscious planning—

Into an unitarily co-ordinate

World giant

With built-in automated,

Research fed,

Computer analyzed and selected,

Evolutionary self-improving

And self-transforming

Through alternatingly regenerated

Competitive processioning

Of all the variable functions Of general systems theory.

TRUTH

I have learned that truth

Is an omnipresent, omnidirectional, Evolutionary awareness,

One of whose myriadly multiplying facets Discloses that there are no“absolutes” —No“ends in themselves”—no“things” —Only transitionally transformative verbing.

It seems possible to me

That god may be recognizable

In man's limited intellection

Only as the weightless passion drive

Which inspires our progressive searching For the—momentarily only—

And only most-truthful-thus-far-possible—Comprehension of all the interconnections Of all experiences.

It seems then to me

That the nearer we come to understanding, The nearer we come to the

Orderly omni-interrelationships

Of all the weightless complex Of all generalized principles Which seem to be disclosed to us As so important

As to be tentatively identified as God.

For it is the integratable interrelationships Of all the generalized laws Which apparently govern The great verb“Universe” Of the vastly greater

—Because comprehensively anticipatory—Verb *intellecting*

Which verb of optimum understanding May be“God.”

It seems that Truth

Is progressive approximation In which the relative fraction

Of our spontaneously tolerated *residual error Constantly diminishes.*

This is a typical

Antientropy proclivity of man —Entropy being the law

Of *increase of the random element.*

Heisenberg's indeterminism, In which the act of measuring Always alters the measured, Would seem entropic were it not For the experimentally realized knowledge That the successive alterations Of the observed

Diminish

As both our tooling and instrumentation Continually improve;

Ergo intellection's effect

Upon measurement and the measured

Is a gap closing,

And the pursuit of more truthful comprehension Is successfully antientropic.

Before Heisenberg, T. S. Eliot said,“Examination of history alters history” And Ezra Pound,

And even earlier poets,

Reported their discoveries

That in one way or another

The act of thinking alters thought itself.

When we ask ourself“What have we learned?” We feel at first

That the answer is“nothing.”

But as soon as we say so

We recall exceptions.

For instance we have learned

To test experimentally

The axioms given to us

As“educational” springboards, and

We have found

That most of the “springboards”

Do not spring

And some never existed.

As for instance

Points, holes,

Solids, surfaces,

Straight lines, planes,“Instantaneous,” “simultaneous,”

Things, nouns,“Up,” “down,” “at rest”

The words “artificial” and “failure” Are all meaningless.

For what they aver

Is experimentally“non-existent.”
If nature permits a formulation
It is natural.
If nature's laws of behavior
Do not permit the formulation
The latter does not occur.
Whatever can be done
Is natural,
No matter how grotesque, boring, Unfamiliar or unprecedented.
In the same way
Nature never“fails.”
Nature complies with her own laws.
Nature is the law.
When man lacks understanding Of nature's laws
And a man-contrived structure
Buckles unexpectedly,
It does not fail.
It only demonstrates that man
Did not understand
Nature's laws and behaviors.
Nothing failed.
Man's knowledge or estimating Was inadequate.
Step to the blackboard.
Write out a number so lengthy It has never been written before.
The pattern of numbers Constitutes a new form. The number is a doodle.
And I cannot accredit novel form
As creativity of man.
The number of relationships between items
Is always N^2 —N
The relationships between four or more items Are always greater in number Than the number of items.
Ergo, there are always more chords than notes And chords by themselves are not music.
It takes two to make a baby But it takes God to make two.

God is twoing
God is threeing
God is multiplying
By dividing

The second law of thermodynamics—Entropy—is also as we have learned The law of increase of the Random Element I.e.$_z$ every system looses energy—but Synergy means

Behavior of whole systems Unpredicted by
The behavior of any separate part.
EN-ergy behaves entropically.
SYN—ergy behaves syntropically.
God is entropy
And God is syntropy,
God is synergy.
God is energy.
And God is always
A verb—
The verbing of Integrity.
I assume that the *physical Universe is definite* And the *metaphysical Universe is finite.*
What men have called infinite
I call finite
And what men called finite
I call definite—i.e., definitive.
By my philosophy
The finite, but imponderable
Metaphysical Universe
Embraces the definite,
Ponderable, physical Universe.
Finite is not unitarily conceptual.
Definite is unitarily conceptual.
I have mathematical proof
That the difference between the sums
Of all the angles around all the surface vertices
Of any conceptual, definitive physical system

And the finite but non-conceptual metaphysical universe
Is always 720 degrees
Or a difference of only one
Definitive tetrahedron,
Therefore, the combined
Physical and metaphysical Universe is finite.
You can't buy anything worthwhile
Like spontaneous *love* or *understanding.*
Though metaphysically finite
These are imponderables.
The absolute would be Nontransformable, static and weighable. Ergo, experimentally meaningless. Infinity is only local
And occurs within definite systems, As for instance
Following a great circle
Around a sphere
Which because of the fact
That lines—
Which occur experimentally
Only as energy vectors—
Cannot go through
The same point
At the same time—
Due to interference,
Which means also that lines
As curves
Cannot re-enter, or
"Join back into themselves,"
Therefore, the circling line
Can only wrap around
And over its earlier part—
As the knot-making
Sailor says it,
The circle when followed
Around and around

Results in a coil
Which is an endless scenario—
An asymmetric spiral,
Which may be followed experimentally
Only as long as intellect is interested.
Not being simultaneous
Universe cannot consist of one function.
Functions only coexist.
Universe while finite is not definable.
I can define many of its parts
But I cannot define simultaneously
The nonsimultaneously occurring
Aggregate of partially overlapping experiences Whose total set of local scenario relationships Constitutes the whole Universe
Though the latter as an aggregate of finites
Is finite.
All the words
In all the dictionaries, as noted before,
Represent all of humanity's attempts
To express the aggregate of experiences—Universe.
And while the dictionaries are finite
All the words
In all the dictionaries
Cannot be read simultaneously
And there is not one
Simultaneous sentence
Inherent and readable
In all the words.
In the same way
All the nonsimultaneous experiences
May not be conceived
And expressed as
A simultaneous system.
Ergo, there is no thinkable and logical Simultaneous conception

Of nonsimultaneous Universe.
There is strong awareness
That we have been overproducing
The army of rigorously disciplined
Scientific, game playing, academic specialists Who through hard work And suppressed imagination
Earn their Ph.D.'s
And automatic contracts
With prime contractors
At fifteen thousand dollars
Per year—and more—
Only to have their specialized field
Become obsolete and by-passed in five years, By severely altered techniques, instruments And exploratory stratagems.
Despite their honor grades
They prove not to be
The Natural Philosophers
And scientist-artists, implied by their Ph.D.'s But just deluxe quality Technicians or mechanics.
And a myriad
Of emergency committees—
Multiplying swiftly
From one or two
Emergency Committees
Appointed by the President, Have altogether discovered <
That what the
Ph.D. scientists lack—
To adapt themselves to change
Has been officially pronounced to be
“Creativity/'
But to my thinking
They lack the unique capability of mind—
Which is the ability not only to generalize
And to integrate a complex

Of pure generalizations
But also to project teleologically—
With fundamental understanding—
In any special case direction.
Fundamental wisdom
Can readily identify any and all
Special case aspects within
The generalized whole
When listening
Sensitively to one's intuitions
By which alone
The generalized sub-subconscious integration
Of pattern cognition feedbacks
Are articulated.
Philip Morrison—Cornell's head
Of the department of nuclear physics—
Talks about what he calls
“Left-hand” and“right-hand” sciences.
Right-hand science deals in all the proven
Scientific formulas and experiments.
Left-hand science deals in
All of the as yet *unknown* or *unproven*—
That is: With all it is going to take
Intellectually, intuitively, speculatively, imaginatively
And even mystically
By inspired persistence
To open up the as yet unknown.
The great scientists were great
Because they were the ones
Who dealt successfully with the unknown. All the“greats” were left-hand scientists.
Despite this historical patterning of the“greats” We have government underwriting
Only the right-hand science, Making it bigger and sharper,
Rather than *more inclusive* and *understanding!*— For how could congress justify
Appropriations of billions for dreams?

So the billions went only For the swiftly obsoleting
Bigger, faster and more incisive
Modifications of yesterday's certainties, By Ph.D. specialists
Guaranteed by the great Institutes of Technology To which the congress Allocated the training funds As obviously “safe”
And exempt from political criticism;
Despite that scientific investigation Had shown beyond doubt That almost all of America's Top performance scientists Had been educated
In small, liberal arts colleges,
And that almost all
Of those top scientists Attributed their success
To their good fortune
In having studied intimately With a great inspiring teacher. It would be considered
Political madness
To risk charges of corruption
Through voting government funds
To any individual
Especially to“great inspiring teachers“—“Crackpot longhairs!”
So it goes—
To hell with the facts
When re-election
To political office is at stake.
Everything that constitutes science Is unteachable.
And we recall that
Eddington said:“Science
Is the earnest attempt
Of *individual initiative*
To set in order
The facts of experience.”
Scientific routines for specialized technicians And scientific formulas for their reference Alone are teachable. Initiative is unteachable.
Because we have been governmentally fostering Only right-hand science and Right-hand science to excess
The U.S.A. President's science advisor

Instituted last year (1965)
A new direction of search
For sources of so-called“creativity.”
Financed by the National Academy of Sciences, He asked New York University's art department To bring together a representative group of America's leading art educators and artists.
It was felt by the National Academy
That the art educators—
As those who dealt with
Most of the almost drop-outs
Who had been switched into art
As a“last resort”—
Were probably intimate
With the type of emerging youth
Who were allowed to remain
In a freer state of mind
—In the world of art—
Than would they have been
If disciplined rigorously
In sharp specialization by the sciences.
That meeting, I thought fascinating
For it disclosed the artists as being
Individuals who develop powerful self-protection
Of their innate intellectual
And conceptual capability inheritance.
They often protect their innate capabilities
Through intuitively triggered poker-faced silence
Which in the elementary or high schools
Is interpreted as non-cooperative, mental inferiority, Often causing early termination
Of their formal education.
I think the consensus
Of the New York University meeting
Was that individuals

Of original conceptual brilliance
Were most frequently
Detected, protected, and made to grow
By equally sensitive art teachers.
“Great teachers.”
Which agrees elegantly
With the statements
Of the proven scientists
Regarding their own experiences.
Congressional appropriations committees Please take notice!
To comprehend the integral of art and science
As an irrepressible, intuitive creative urgency—
As an artist's need to articulate—
Kepes at Massachusetts Institute of Technology Made a beautiful demonstration.
He took hundreds of 8” X 10”
Black-and-white photographs
Of modern paintings and mixed them thoroughly
Like shuffled cards
With photographs taken by scientists
Through microscopes or telescopes Of all manner of natural phenomena Sound waves, chromosomes and such. The only way you can classify Photographs with nothing recognizable in them Is by your own spontaneous Pattern classifications.
Group the mealy, the blotchy, the striped, The swirly, the polka-dotted, and their sub-combinations. The pattern classified groups Of photographs were displayed.
The artists' work and the scientists'
Were indistinguishable.
Checking the back-mounted data, it was found That the artist had frequently conceived The imagined pattern before The scientist found it in nature.
Science began to take A new view of artists.
Loving mothers
Prohibit here and promote there—
Often in ways irrelevant or frustrating To brain-coordinated genetic evolution, Often suppressing
A child's profound contribution

Trying to emerge.
We have to look on our society
As we look on the biological world in general Recognizing, for instance,
The extraordinary contributions
Of the fungi, the manures, the worms, *et al.*— In the chemical reprocessing—
And fertility up-grading of the earth.
We must learn to think
Of the functions of the trees' roots
As being of equal importance To the leaves' functions.
We tend to applaud
Only the flower and the fruit
Just as we applaud only the football player
Who makes the touchdown
And not the linemen Who opened the way.
What society applauds as “creative”
Is often isolated
Out of an extraordinary set
Of co-equal evolutionary events, Most of which are invisible.
Evolutionary“touchdowns” are unpredictable—Sometimes centuries apart.
Who knows which child is to make the next breakthrough? In the next decade society
Is going to be preoccupied with the child Because through the behavioral sciences And electrical exploration of the brain We find that given the right environment And thoughtful answers to its questions *The child has everything it needs educationally Right from birth.*
We have thought erroneously of education
As the mature wisdom
And over-brimming knowledge of the grownups Injected by the discipline pump
Into the otherwise“empty” child's head.
Sometimes parents say“don't”
Because they want to protect the child From getting into trouble.
At other times when they fail to say“no” The child gets into trouble.
The child, frustrated, stops exploring.

It is possible to design environments Within which the child will be Neither frustrated nor hurt

Yet free to self-educate, spontaneously and fully Without trespassing on others.

I have learned to undertake

Reform of the environment

And not to try to reform man.

If *we design the environment properly*

It will permit both child and adult to develop safely And to behave logically.

Order is achieved through—positive and negative—

Magnitude and frequency controlled alteration

Of the successive steering angles.

We move by zigzagging control

From one phase of physical Universe evolution to another.

The rudder concept of social law is most apt.

The late Norbert Wiener chose the word *cybernetics*

Derived from Greek roots of "rudder"

Because Wiener, Shannon and others in communication theory

Were exploring human behaviors

And their brain-controlled"feedback," etc.,

As a basis for the design of computers—

And it became evident

That the human brain only waveringly

Steers man through constant change.

No sharp cleavage is found

Which identifies the boundary between life and non-life, Between the heretofore so-called"animate" and"inanimate."

Viruses,

The smallest organized structures

Exhibiting "life,"

May be classified either

As inanimate or animate—

As crystalline or"cellular" forms.

This is the level also at which

The DNA-RNA genetic code serves as

An angle and frequency designed
Structural pattern integrity.
Such pattern integrities
Are strictly accountable
Only as mathematical principles
Pattern integrities are found
At all levels of structural organization in Universe.
The DNA-RNA is a specialized case
Of the generalized principle of pattern integrity
Found throughout life and non-life.
All pattern integrity design
Is controlled entirely and only by
Angle and frequency modulation.
The biological corpus
Is not strictly“animate” at any point.
Given that the“ordering”
Of the corpus design
Is accomplished through such codings as DNA-RNA Which are exclusively angle and frequency modulation.

Then we may go on to suggest That“life,” as we customarily define it Could be effected at a distance. Precession is the effect

Of one moving system Upon another moving system. Precession always produces Angular changes of the movements Of the effected bodies and

At angles other than 180 degrees, That is, the results are never Continuance in a straight line. Ergo all bodies of universe Are effecting the other bodies In varying degrees

And all the intergravitational effects Are precessionally angular modulations And all the interradiation effects Are frequency modulations.

The gravitational and radiation effects Could modulate the DNA-RNA Angle and frequency instructions At astronomical remoteness—Life could be“sent on.”

Within the order of evolution as usually drawn
Life“occurred” as a series
Of fortuituous probabilities in the primeval sea.
It could have been sent or“radiated” there.

That is, the prime code
Or angle and frequency modulated signal
Could have been transmitted
From a remote stellar location.
It seems more likely
(In view of the continuous rediscovery of humans
As fully organized beings
At ever more remote historical periods)
That the inanimate structural pattern integrity,
Which we call human being,
Was a frequency modulated code message Beamed at Earth from remote location.
Man as prime organizing
“Principle” construct pattern integrity
Was radiated here from the stars—
Not as primal cell, but as
A fully articulated high order being,
Possibly as the synergetic totality
Of all the gravitation
And radiation effects
Of all the stars
In our galaxy
And from all the adjacent galaxies
With some weak effects
And some strong effects
And from all time.
And pattern itself being weightless,
The life integrities are apparently
Inherently immortal.
You and I
Are essential functions
Of Universe
We are exquisite syntropy.
I'll be seeing you!
Forever.

1 Complexion 1976

Webster's Third New International Dictionary, meaning 2b: an individual complex of attitudes, inclinations, or ways of thinking or feeling

\\Zien noting the cosmic myopia
Dominating the leaders
Of the variety of Earthian power-structures
At this particular celestial and terrestrial Cosmic-history moment
We do not impute malevolence or wrongdoing
On the part of any Individuals or groups.
What we *are doing* is:
Endeavoring to discover
The responsibly operative
Evolutionary check-and-balance mechanisms
Of Scenario Universe's nonsimultaneously occurring And everywhere only partially overlapping variety Of exquisitely discrete, local,
Conception-to-birth
Gestation and degestation rates,
Whose overlappingly interbraided strands
Of unique velocities, intensities and durations Constitute the complex intersynchronizings Of both the associative and disassociative
Energy event frequencies
—Those of the newborn, youthful growth accelerations Integrated with the agings, slowings and dyings off.
On a strict
Universe resource accounting basis
The overall complex intersynchronizing
Manifests no loss in the physical inventory

And an ever-increasing metaphysical inventory
Of know-what, know-where and know-how/wealth.
59
The magnitude of MONEY WEALTH
Is manifest as the number
Of healthfully adequate and regenerative Present and forward days of the minority's Life support and accommodation for which The lethally intercompetitive sovereign states, Transnational corporations, cartels and capital anarchists Have organized the world's
Physical and metaphysical resources to provide, While also diverting a large amount
Of the evolution-realized increases
In scientific and technical capabilities
Exclusively into money-making for a few
Or into armed protection
Of their special individual advantaging.
REAL WEALTH is manifest
As the magnitude to which the effectiveness
Of realized MONEY WEALTH can be multiplied
By full intercooperative effort
Of all humanity
When using their world-around combined
Physical and metaphysical resources
As practically realizable
At any one moment
Of ever advancing engineering efficiency
Ever regeneratively reinvested
Exclusively and directly
Only in the support and freedoms accommodation Of all human life.
Humanity is consistently acquiring
Ever greater performance effectiveness know-how
In providing life support
And in accommodating freedom of initiative
For ever more people

With ever less physical resource investments For each per capita task accomplished.

The energy for regenerating

All biological life on Earth

Comes exclusively from the stars

And almost exclusively from the star Sun.

Humans and other mammals

Cannot convert Sun energy directly Into metabolic life support.

Vegetation and algae constitute

The only known biological means

Of converting random celestial radiation receipts Into support of terrestrial life.

In the photosynthetic chemical processes Of converting random cosmic energy receipts Into orderly hydrocarbon molecules Which may be assimilated and proliferated By all the biologicals

The vegetation also takes in

Certain of the atmospheric gases

While giving off other

Of its original gaseous elements set

Which process would soon convert

All the terrestrial atmosphere

Into the non-photosynthesis-enabling gases, A condition which soon would frustrate

Further Earthian photosynthesis

Which in turn would terminate

Biological inhabitance of planet Earth.

To cope with this cosmic design problem Human beings and the other mammals Are designed to inhale and use growthfully The vegetation emitted gases

While reconverting into and exhaling Those chemical gases which are essential To vegetation's continuance of photosynthesis.

The design integrity

Of eternally regenerative Universe Involves a myriad of such

Locally regenerative intercomplementations, Chemical and physical energy transactions And intertransformation recyclings Whereby in turn

Humanity's locally supportive potentials as Metaphysical understandings of such phenomena May emerge, evolve, and multiply on planet Earth Potentially to evoke and sustain

The birth and experiential development of humanity's Exclusively metaphysically conceived

Artifact and service-system inventions Which again in turn may support Humanity's brain-apprehended

Information inventorying

And human mind's further discovering

Of additional generalized principles

Existing as covarying relationships

Always consistently operative

Only within and between

The human brain's neuron sorted and stored Exclusively special case information inventory.

All of the progressive ecological intersupporting

Was and is designed to sustain

The total cosmic regenerative system

Which includes not only all humanity

But also the terrestrial, ecological regenerative system Which in turn includes

Not only the biological organisms

And all their geological and biospheric surroundings

But also the interaction

Of the planetary regenerative system

With the omnicelestial regenerative system Of the macro-micro Universal Scenario.

The purely physical, cosmic regenerativity

Is maintained on Earth—

As cosmic, failsafe alternate recircuitry—

By intense, high-frequency information (Electromagnetic frequencies)

Transmitted by the chemical elements of the star Sun,

And receivingly translated

By the Earth's landborn vegetation

And waterborn algae

Into photosynthetic sorting,
Reorganizing and combining
Of the planet Earth's
Local chemical element inventory
Of carbon, hydrogen, and other elements,
Some of which informational energies
Are redistributed to the biosphere,
While some re-enter directly
Into the integral metabolic
Multiplication and proliferation
Of all biological organisms
As the hydrocarbon molecules
Originally produced photosynthetically
By the vegetation.
For Earthborn vegetation
To function successfully
(A)
Structurally in storms
While exposing adequate leafage to the Sun, It must send anchorage roots into the soil
And between the rocks
With which roots also
(B)
To osmotically draw water from the soil
Wherewith to watercool their leaf systems
To avoid dehydration
By the heats of vast radiation exposure
As well as
(Q
To employ the antigravitational
Exclusively one-way
Valving and pumping process of osmosis
To physically structure the vegetation

With a noncompressible hydraulic liquid substance Contained within high tension crystalline cell sacks Altogether capable of omni-equidistribution

Of the many eccentric,

Locally concentrated energy loadings and stressings Omnidiverted to all the tensionally enclosing elements While also

(°)

Vaporizing the water
Drawn outward from the ground
Through the trees' osmotic system
So that the vaporized water
May be transformed by the *sun*
Into windborn clouds
To be precipitated as rain
Upon other vegetation
Growing elsewhere around the planet.
Because the vegetation is rooted,
It cannot reach the other vegetation
To procreate
To solve this regenerative problem
Universe designed the vast variety
Of small mobile creatures
Such as birds, butterflies and crawling insects
To intertraffic and cross-pollinate
The vast variety of vegetation
Sumtotally involved
In the biochemical refertilization complexities
Of ecology.
For instance the honey bees
Buzz-enter the flowers one by one
To reach their honey
While bumblingly knocking off and accumulating pollen On their bumbly tails
With which entirely inadvertently
To cross-fertilize the next plants Whose blossoms they enter.
Each biological species

Is technologically designed
To be structurally programmed
By the DNA-RNA coding
While being behaviorally programmed
By its chromosomes
To go directly at 180 degrees
To self-rewarding (feedback) targets
While inadvertently, or unknowingly producing The cross-fertilizing 90-degree "side effects." These inadvertent, secondarily rated side effects Of each of the species' individuals
Serve, sumtotally, to produce
The main recirculatory system
Of terrestrial ecology
Which in turn
Is only a local Universe recirculatory system
Within the comprehensive
Scenario system
Of non-unitarily conceptual
UNIVERSE
Whose prime function is
Eternal self regeneration.
Each special case biological species'
Seemingly "selfish," self-serving, Inadvertently sustains
The synergetic recircuitry
Of terrestrial ecology
And thereby sustains the human regeneration
Which in turn accommodates
The human mind's
Local metaphysical problem solving
And the latter's at first and for long
Only inadvertent support
Of eternal cosmic regeneration.
All the humans,
Like the honey bee,

Are born ignorant,
And are preprogrammed with

(A) intuition,

(B) curiosity,

(C) speculative assuming,

(D) exploratory testing,

(E) hunger,

(F) thirst,

(G) respiratory and imbibitory drives

To assimilate chemically inter transformative elements
In appropriate crystalline, liquid and gaseous increments,

(H) procreative urge,

(I) parental protectiveness,

(J) an urge to demonstrate competence,

(K) a fragilely spontaneous trust of others, and

(L) compassion

Humans with their chromosomically programmed
Direct drives to go after food,
Water, air and sex
Inadvertently produce babies
And many other (to them)
Secondary or side effects
Which inadvertent side effects result
In humans doing the right cosmic regeneration tasks
For any and all wrong reasons—
Or sometimes without any reason at all—

Just driven by fear or longing.
The direct drive effects
Are 180-degree linear, line-of-sight, go-after-it effects
Whereas geometrically speaking
The side effects are 90-degree effects.
Pull on a rope
And it contracts in a plane
At 90 degrees to the axis of the purposive pulling.
Push on a jelly mass
And it bulges out tensively
In a plane at 90 degrees to the axis of pushing.
It has become gradually recognized
By human minds
That the inadvertent 90-degree side effects
Are inexorably inherent
In the 180-degree drives.
Humans find that the sum total
Of all their direct drive requirements
Together with their inexorable side effect involvements
Impose an ever multiplying and inescapable
Complex of supportive responsibilities.
For instance, humans have compulsively to provide
For their inadvertently produced babies.
Humans have had to learn
To get what they needed
For themselves and dependents
Doing so partially by direct production
And partially and often indirectly
Through a complex of intertradings.
With farmers tendering foods
And cobblers tendering shoes
The life support bartering
Became increasingly complex
And finally a common medium of exchange

—Money—was evolved,
Whereafter humans became
“Money bees”
Because money was the all-purpose stuff
That got them what they needed and wanted
When they needed it.
And the inadvertent side effects
Of money-honey bee bumbling by humans
Multiplied, proliferated
And progressively complicated
Family, community, state, national,
And finally all planetary life.
Science long ago discovered
A generalized principle
Eternally operative in Universe
Which they named precession.
Precession is the effect
Of bodies in motion
On other bodies in motion.
For instance, the gravitational pull
Of the already-in-motion Sun
Upon the already-in-motion Earth
Acts precessionally to make the Earth
Orbit around the sun
At 90 degrees to the gravitational pull
And so in turn
Does the Earth precess
Its gravitationally restrained Moon
Into an orbit travelling at 90 degrees
To the direct 180-degree gravitational attraction.
So too do the nuclei of all the atoms
Precess their electrons into orbit
And so do all humans
Precess into orbit about them

All those attracted to them.
And all of the regenerative circuitry
Of recycling Universe
Is precessionally accomplished.
Humans were born ignorant
Of both ecology and precession
As well as
Of all the regenerative circuitry of Universe.
It is not surprising therefore
That chromosomically preprogrammed humans
Have until now consciously responded
Only to the 180-degree attractions
While ecological regeneration thrived
On the myriad of 90-degree side-effect inadvertencies.
What may be called
The *inadvertency phase* of humanity
Is an evolutionary phase
Of preconditioned 180-degree reflexing.
Though the inadvertency phase
Has lasted millions of years
It is only a gestatively behavioral phase
That becomes obsolete
As humans' metaphysical mind
Now comes to discover
The preeminence in human affairs As well as in celestial mechanics
Of the principle of precession.
Firstly in terrestrial ecology
And *secondly* in cosmic ecology—Whereafter humans
In a swift overlapping succession of events Are about to recommit their endeavors
To direct support of ecological and economic recycling And to orbitally regenerative effects in general, As precessionally interproduced
By all independently orbiting cosmic systems.
Led by its youth
Humanity is now entering

Its INDIVIDUALLY RESPONSIBLE THINKING AND DOING PHASE
And will consciously identify *precession* and *synergy* As their highest priority
Metaphysical tools.
This abrupt 90-degree reorientation of human affairs Is now beginning to occur.
Humanity will progressively abandon
Its exclusively 180-degree self-preservation drive And instead
Will directly support all 90-degree Omni-inclusive
Cosmic integrity regeneration precessionings.
180-degree all-for-one selfish drives
Are energy depleting, ergo, entropic.
90-degree one-for-all precession
Is both syntropic and synergetic—
It produces progressively more with less.
Money making and sense making are mutually exclusive.
Humanity is about to abandon
The terrestrial game of money making
And is about to take on
The regenerative integrities
Of cosmic accountability.

We can now see that "earning a living," I.e., proving oneself to be an exception To the premise That man is born to be a failure, I.e., is an inadequate function, Is"excess baggage," Is"redundant," Was a myopic rationalization Of the selfish Blind-to-side effects, 180-degree"money bee" drive. Wherein each individual"specialist," Each family, Each corporation, Each regional state, Each sovereign nation, Each multinational ideological bloc Irrationalized its chromosomic bias Through the 180-degree"Look out for yourself" Entropic dissidence and cosmic dissonance.

Ecology is an old science And the phenomenon described by the word Is as old as the billions of years presence Of biological organisms on our planet. Farmers of the land Have throughout the ages
Been familiar with the complex
Of natural interregenerative effects
Of organisms and their physical environments.
Farmers did not know of it as ecology.
That is the name given by science.

Despite its educated knowledge to the contrary
Humanity has been operating
On the unrealistically conditioned
Historical fixation
Of a“wide-wide world”
Of“four corners of the Earth,”
Ergo of a flat Earth
Reaching outward literally to infinity
With you and me at the center
As the arbiters of universal
Events and values.
Into that infinity
Humanity assumed it could shunt
All its ignorantly“unwanted” wastes
And which infinity it also was assumed
Would go right on providing new resources
To replace those which humanity's
Blind 180-degree“honey-money bee” driving had exhausted.
But suddenly the Earth's sphericity
Has returned the unwanted shuntings
All the way around the Earth
To crash into humanity's backsides,
Causing humanity to look around and see
That: we are indeed on a sphere
And: that's all there is of this and that;
And that's that.
After multimillions of years
Of hard trial-and-error-learned lessons
Within only a third of one century
Western world humanity
Has been maneuvered
By a world cartel of honey-money bees
Into a planetary economics cul-de-sac Of an exclusively petro-fed metabolism.

As all the while humanity was being lullabyed Into dreaming its pipeline pipe dreams Which turned into the nightmares

Of Southeast Asia and Middle East guerrillaing, The world's monetary medium custodians Were playing supranational tiddledywinks With humanity's deposits and equities. Compromisingly patronizing politicians Lobbied into law an unwitting social acquiescence To their semantically obscure ecomonopoly strategy, Whereby in a decade of 10 percent prime usury In lending the depositors' funds To accommodate corporate flight To supranational sanctuary, While legally financing that flight By appended provisos to legislation Which for a quarter of a century

Shunted the annual billions of dollars of foreign aid Into contracts with U.S.A, corporations

Whenever these corporations were operating In any foreign country being“aided.” This one hundred billion dollar subsidy Of the transplanting

Of originally U.S.A, born and bred corporations Into foreign lands

Accountingly conveyed

The U.S.A, monetary gold stocks Into foreign countries

Whereafter the U.S.A, politicians

Cut loose from gold the U.S.A, monetary equity Thereby depreciating U.S.A, citizens' wealth To 16 cents on its former dollar of international purchasing power

While in the same one third of a century

Swelling the U.S.A, national debt from 36 billion dollars Paying an annual interest of one billion dollars

To a half a trillion dollar debt

Paying an annual interest to the bankers equity account Of close to the 36 billion dollars

Which was the size of the total 1933 national debt.

But all this legally operated

Monopolization of all the monetary gold

Inadvertently coincided with the laying claim

To their own national petroleum wealth

By the theretofore naively acquiescent

Monarchs of the oil lands

Who overnight parlayed all the world's monetary gold

Into their personal ownership

By upping the price of the petro-pap of humanity.
This brought about a world economic stalemate
Because the owner-sellers
Of the metabolic diet of humanity
Owned also all the purchasing equity.
Wherefor the world monetary game came to a close
And since it is dead
It can't tell you and me that it's dead
But all humanity will soon
Begin to realize that it is dead,
Ergo: the present hiatus.
Soon a computer advantaged world
May adopt the cosmic
Metabolic accounting system
And real wealth will be discovered
To be just exactly
As previously defined in this present discourse.
Thus the world history's
Greatest economic revolution
Will have occurred in a precessional manner
At 90 degrees to the 180-degree-line-of-sight
Of the leading sovereign nations' assumption Of a strictly gun-resolved war.

The game called money is about to become extinct. Advantaged by the computer's capability To inventory, permutate and reevidence All relevant metabolic information, Humanity is about to discover That whatever it needs to do And knows how to do It can always afford to do And that that in fact is only And all it can afford to do.

Comprehension of the practicality Of realizing the truths
Is what humanity needs to acquire. The truth is that

If it knows its universal resource inventory, If it knows where the resources are, If it knows its technology,

If it knows what it needs to do
To take adequate care of all people everywhere. Humanity needs no money.
It needs physical and metaphysical accounting. The data is now at hand.

Cosmically speaking Physics recognizes that No energy as chemical element matter Or as electromagnetic radiation Or as gravity Can get lost

So the physical content of wealth Cannot diminish.

After World War One the vast Metabolic self-regenerative effectiveness of machinery As driven by inanimate energy sources Was turned to producing farm machinery Which today does the farming,

Canning, refrigeration, siloing And transporting of foods For all people everywhere.

Humans as“cottonpicking” muscle machines Were ever less needed on the farms

To produce humanity's foods And no longer needed to be Where the food grew

In order to be fed

Before the food rotted.

Food became reliably preserved

And potentially distributable to humans Anywhere around Earth,

On the Moon

Or outward bound space vehicles.

With this historically unexpected Preservation and distribution development 90 percent of humanity left the land And drifted into the cities

Hopefully to earn livings

Or just to yield to evolution's Uncomprehended dictate.

As previously noted in greater detail

We assume the measure of real wealth

To be the magnitude

Of technologically organized capabilities

Of humanity

To cope with the life support

Of so many humans

For so many forward days

Under reasonably predictable

Life-favoring environmental conditions.

Adopting that definition of wealth It is seen that after World War One The industrial revolution

Took over food production in the U.S.A.

And inadvertently divorced humanity From its ecological intimacy.

Thus the last twentieth century generations Have lost all direct familiarity with ecology And now have come to rediscover its existence. That is what occurred in the 1960's.

And every time humanity makes an experiment It can only learn more,

Ergo the metaphysical know how component of wealth Can only increase

And wealth of life support capability Can only and always does increase. It cannot be spent.

The fallacial concept of spending

Is part of the obsolete game of money-honey making Played by exploiting the resources

Exclusively for the advantage of the few On the ignorantly fallacial basis

That there exists an unalterable and fundamental Earthian inadequacy of human life support resources.

As a consequence of my own Experience-gained familiarity With all the foregoing information

And inspired both by personal circumstances And by the cosmic integrity

 Of the family of thus far science discovered And experientially confirmed *laws of nature,* I.e., the family of omni-interaccommodative And only mathematically stateable Generalized principles,

I resolved in 1927 to precess,

I.e., to make my own 90-degree reorientation And thus entered as an average healthy human Into the *INDIVIDUALLY RESPONSIBLE THINKING AND DOING PHASE*

Of human evolution on planet Earth.

I first undertook

To think out thoroughly

And to state in writing for myself

What I was trying to do.

I have been reprocessing

That statement

For almost a half century.

2 What I Am Trying to Do

In 1959 I was asked by the Marquis Publishing Company to state in one unpunctuated sentence exactly what I am trying to do in life. Advantaged by a third of a century's frequent re-editing of my 1927 text I did so in 100 words. As time passed I kept on rewriting it. In 1962 Norman Cousins published it in Saturday Review at its 200 words stage. Now rewritten many times, it consists of approximately 3000 words in one unpunctuated sentence.

A

ALWAYS excitedly acknowledging The a priori infinite mystery Implicitly revealed

As that which Though relevant Always remains Undiscovered and unexplained And is popularly overlooked altogether In the momentary excitement of preoccupation Only with that which is discovered And especially with realizations

Of the new human advantaging significance Of each great scientific discovery Wherein for instance Isaac Newton discovers

The rational *geometrical* rate of change Characterizing the Interattractiveness Of any two celestial bodies

While their relative distances apart Vary only at an *arithmetical* rate Which interattractiveness itself Let alone its inversely varying Second power rate of gain Is neither manifest nor implied By any of the constant physical characteristics Of either of the interattracted celestial bodies When either is considered only separately And only in the unique terms Of one or the other's

Integral dimensions/mass/chemistry And independent electromagnetic properties

81

And though Newton's mathematically stated law

Of exponentially differing rates

Of inversely covarying

Mass-distance interattractiveness
Of independent celestial bodies
Was thereafter found by science
To be always unfailingly operative
In all macro or micro cosmic
Constellating
As well as in
The dynamic interpositioning
Of all individually remote bodies
Of all complex movements
Newton's discovered law
Never explains
Why
The interattractiveness
Of the remote-from-one-another bodies
Occurs or exists
Nor does it even suggest
What
The invisible interattractiveness
Is
Though whatever it is
Is so comprehensively embracing in importance
As apparently to guarantee
The eternal integrity
Of omni-complexedly
And everywhere ceaselessly
Intertransforming Scenario Universe
And even though we give that unexplained behavior
The name gravity
The name does not explain the mystery
For gravity
Like all scientifically generalized principles
Is inherently synergetic
And synergy means the unique behaviors manifest

Only by whole systems

Consisting at minimum

Of two independent variables Whose unique system behaviors Are entirely unpredicted

By any behaviors or characteristics Of any of the system's components When each is considered only separately Wherefor it is ever experimentally demonstrable That the unpredicted synergetic behaviors Of strictly assessed system components Constitute scientific manifest

Of the *a* priori mysterious

Cosmic integrity context

Within which major scientific discoveries occur Which context itself always remains unexplained By such discoveries as Newton's

Of the first power arithmetical Vs. the second-power geometrical Constantly intercovarying

Gravitational interattractiveness Of separate bodies in Universe

And to the best

Of our experientially derived knowledge Only humans' *minds* can discover These nonsubstantial interrelationships Existing only between

And not of or in

Any of the synergetically behaving system's Plurality of independently orbiting components

For it is also experientially demonstrable That in contradistinction to humans' minds Humans' brains always and only

Inventory differentially The succession of separate Definitively sensed-in Special case inputs and recalls Characterizing each and every Separate and terminalled experience

Whose separate special case data

Never contain integral physical clues Explanatory of the synergetic behaviors Of the omni-interaccommodative Mathematically generalized principles Always demonstrably governing The complexedly overlapping episodes Of Scenario Universe's

Nonsimultaneous

Multifrequenced and magnituded

Differentially covarienced

Ever intertransforming

Aberrationally limited complementations
And energetic transactions
And being also acutely aware Of our own corporeal limitations Yet ever renewably inspired By personal rediscoveries
Of the cosmic integrity
Which only intuitively suggests
Imminent discovery of further synergetic potentials Innate and gestating in Scenario Universe
First hints of which
Are realistically noted and sorted
Only within our subconsciously operative faculties Which subconscious sortings it seems
Once in a while inadvertently produce Synergetic relationship insights
News of the arrival of which
Are teleo-intuitively communicated
To our consciousness
Only as spontaneous urges
To look again in certain directions
Or to reconsider certain
Tentative concepts
And aware that those subconscious faculties May be intuitively programmed
To search consciously
For a reliable and orderly means
Of inducing systematic conceptualizing
Of the significant import to humanity
Implicit in the synergetically gestating events
At the earliest possible system moment
Consciously apprehendable
By truth-coupled human minds
And also assuming that such conceptualizing
Can be directionally oriented
In respect to the environmental geometry
Of self's momentary circumstances
As the conceptualizing relates angularly

To self's head-to-toe observer's axis
And realizing that the dawning sense
Of significant import
Gestating in the subconscious
Which is suddenly emerging
As a discernible generalized principle
Together with spontaneous recall
Of other already proven principles
All of which may be frequency tuned
And discretely quantated
Into special case realizations of now
Thus to serve as a communicable means of entry
Into constructively competent participation by humans In the strategic decision making
Concerning the special case
Formulative options
To be selectively and successfully realized
And employingly managed
Within the relevant set
Of generalized principles
Governing humanity's
Own evolutionary trending options
While also thereafter permitting humanity's
Responsibly followed-through
Anticipatory design science accomplishments Of ever more effective and satisfying
Human life support artifacts
Ever increasing those artifacts' functional performances
Per each unit of resource reinvestments
As stated in physical measures
Of work or structure produced
Per each ounce of matter
Each second of time
And each erg of energy therein invested

And employing only
The unique and limited advantages
Inhering exclusively in those individuals
Who all by themselves
Take and maintain the economic initiative
By inventing artifacts
Developing their production prototypes
And proving the latters' capabilities
And safety of use
All conducted responsibly
On behalf of all humanity
As well as on behalf
Of the integrity of Universal regeneration itself
The individual initiatives being always undertaken
In the face of the formidable
Physical capital and credit advantages
Of the massive corporations, foundations
Trade and other special interest unions
And political states
All of whom seek entropically to turn
All such syntropically potential gains
Of Advantage for all
To their own exclusively special advantage
And deliberately avoiding
Political ties and tactics
As well as all negative activities
Social movements and reforms
While also concurrently endeavouring
By experiment, exploration and published data
To inductively excite
All individual Earthians'
Awareness of all humanity's
Syntropically multiplicative potentials

And techno-economically feasible options As well as humanity's awareness That only by use of such options Can humanity effectively cope with And divest itself

Of its entropically dissipative Dilemmas and compromises

I *seek*

Through comprehensively anticipatory

Design Science

And its reductions

To physical practices

In the form of inanimate artifacts and services

To participate in nature's multi-optioned Continuous and inexorable

Reforming of both the physical and metaphysical Environmental events and circumstances

Instead of trying to reform

Human behaviors and opinions

Which latter is all

That history's political powers Have ever sought to do

For I am intent

Exclusively through artifact inventions

To accomplish prototyped capabilities Of providing ever more performance With ever less resources

Whereby in turn

The wealth augmenting prospects for all humanity Of such design regenerations

Will induce their spontaneous

And economically successful

Industrial proliferation

By world around

Exclusively service-oriented industries

As the regeneratively escalating effectiveness

Of the latters' responsible resource reinvestments

Per each unit of resources reinvested

Render comprehensively obsolete

Any and all economic necessity

To sell buy or own anything

While coincidently obsoleting as well

The economically degenerative practices
Of irresponsible one-way selling-off
Of the world's resources
All of which chain reactions will trend
To ever higher performance attainments
Of the ever improving artifact instrumented services
And thereby will swiftly
Both permit and induce
All humanity
To realize full lasting
Economic and physical success
Plus enjoyment of all Earth
Without one individual interfering with
Or being advantaged
At the expense of any other humans
Now alive or henceforth to be born
And I purpose
Through such responsibly evolving
Performance improvements
Of exclusively service oriented
Artifact instrumented industries
To accomplish universal economic success
Well being and freedom of humans
Together with a sustained abundance
For all foreseeable generations of humans to come
Of all the human life-support essentials
Thereby to eliminate all reason
For further existence
Of any and all varieties of politics
Each of whose ideologies mistakenly say“We have the best and fairest way
Of dealing with the fundamental inadequacy Of life support
On our under-resourced
And lethally over-populated
Planet Earth

And with such design-science-attained Sustainable abundance for all Proven to be feasible

And attainable for all humanity by 1985 Will also come obsolescence

Of all the political powers' Historically demonstrated Ultimate recourse

To hot official

And cold guerrilla warfaring

And conscripted sacrifice

Of the lives

Of whole generations of youth

Upon the fallacious assumption That war constitutes

The only means of proving Which political system Is the fittest to survive In the misassumedly Inherently lethal

Game of life

As we have been taught by history That it must be played

And with such design science attainable *Elimination by obsolescence*

Of all that humanity

Has learned by experience to be undesirable Such as power corruptible Politics and war

There will also come cessation

Of the history-long missassumed Necessity for individuals

To *earn* their livings

That is to prove themselves to be

Extraordinarily valuable exceptions to the dictum That humanity is meant to be a failure

And all the sovereign political states Will also become obsolete

As will also all economic competition

For any special profit

For any state, corporation or individual

And the world will become preoccupied

With recirculating all its chemical elements Which as they are totally recycled

At an average rate of every twenty-two years Will be progressively reinvested

With the ever more effective Interim gained“know how” Thus making also obsolete One-way dead ended wastes And scrap monger withholdings To escalate price structures

And the most important obsolescence making Will be the elimination
Of humanity's most self-destructive weapon The Lie
For Universe operates only on truth
And it is the most outstanding truth Of this moment
That we have arrived at the threshold
Of new human functioning in Universe
Which functioning can only be effectively performed With the prime struggle just to survive
Being completely disposed of
And with it all the debilitative fears Attendant upon that long struggle
But midway of the threshold crossing
Comes the realization
That the only alternative to that success
Is the self-destruction of humanity
And whether we are to be
A complete success or utter failure
Is in such critical balance
That every smallest
Human test of integrity
Every smallest moment-to-moment decision
Tips the scales affirmatively or negatively
Wherefor we recognize that
It is both fear and ignorance
That delays popular comprehension
Of its historically unprecedented option
Of total human success
For fear secretly grips all wage and salary earners
As well as all political and private bureaucracies
Wherefor I realize that all humanity
Is plunging into an unprecedented state of revolution Which if proving to be predominantly bloody and physical Will probably terminate human occupancy of EARTH
Or if, predominantly, metaphysically coped with
As a comprehensive design revolution

Will probably insure the presence of Earthians
For millenniums to come
For the design revolution
To which I am committed
Is the metaphysical and positively objective counterpart
Of Mahatma Gandhi's
Subjectively passive resistance
And if design science wins
Each human henceforth will function
In predominantly metaphysical ways
In our cosmically designed role As the most effective
Local Universe problem detector and solver In the spontaneous support
Of the vast complex reciprocal scheme Of celestial energy's
Increasingly disorderly and expanding Local entropic stellar exportings And their elsewhere concomitant Increasingly orderly and contracting Syntropic planetary importings (As for instance here upon planet Earth) This being the now dawningly realized Cosmic function of Earthian humans To solve locally evolving Universe problems Both physical and metaphysical Thus locally fortifying the integrity Of eternally regenerative Universe

Whose cosmic omnicircumferential embracement Integrates as gravity Gravity being thereby

Always more vectorally effective Than the sum of all local and nonsimultaneous Radial disintegrations of radiation Even as do a few barrel hoops Successfully resist

The radially outward escape Of the individual Exclusively disintegrative Crowded together Individual staves of the barrel As also myopically preoccupied Ignorantly disintegrative humans Are bound together upon our planet By cosmically embracing benign laws And necessities of Universe

Such as those guaranteeing the integrity Of eternally regenerative Universe Manifest in the invariable relationship
Of cosmically greater effectiveness of gravity
Than the disintegrative effectiveness
Of equally energetically endowed radiation
Which invariable superiority relationship
Is also manifest but ever more comprehensively

In the eternally greater
Cosmic-integrity-guaranteeing effectiveness
Of the always synergetic and syntropic
Metaphysical capabilities
Of comprehensively operative generalized intellect
Over the always energetic and entropic local
Physical capabilities
Which are exclusively operative
Only as local terminal special case episodes
All of which principles succinctly elucidate
The necessitous nature of Universe's grand design strategy
For installing developing and maintaining
The complex problem-solving humans
And evolving their complex ecological support
Upon our local Universe monitoring planet Earth
And it is only
By elimination of all self-deception that the highest
probability
Of humanity's discovery
Of its metaphysical capabilities can occur
And do so within cosmic evolution's critical time limits
And because it is also true
That only by elimination of all this self-deception
Can this self-discovery be accomplished
Because the a priori otherness
Inherent in the fact of self's birth
And essential to the awareness
Of life itself
Wherefor comes full realization
Of the omni-interdependence
Of all humanity
Which if cultivated instead of frustrated
Will increase synergetically
To provide total physical success of all humanity

Truthful self-discovery being the initial step Toward humanity's ultimately qualifying For its unique local-Universe-monitoring functioning We humans were designedly born Naked ignorant and helpless

Endowed with the few conscious drives

Of hunger thirst procreation curiosity and fascination To learn only by ourselves

And only through millions of years

Of often painful trial-and-error experiences

And lonely realizations

That our muscles and physical power

Are utterly subordinate

To our mind's Universe-embracing comprehensions Wherefor in the trial-and-error struggle for survival Lasting throughout the past

Millenniums of millenniums

Those exceptional individuals

Who have been fortunate enough

To be able to earn the right to live

Have had to do so

By proving that they had special capabilities

Which seemed functionally essential

To continuance of the successful heirs

Of those fortunate few

Who only by force of superior

Bodily size strength and cunning

Later augmented by arms

Had originally commandeered

The supposedly limited resources

And as yet have the superior weapons

With which to sustain those claims

However the spontaneous

Full life-support franchise

Which has always been accorded

By all humanity

To all new born children

Usually sustained in the past

Until the age of six
Has been progressively extended
In recent decades
First to include primary school years
After which came successively high school
And college years
Then post graduate and doctoral years For those who wished them
And now with full life support becoming feasible The scholarship franchise
Will soon become spontaneously extended
By revolutionary necessity
To cover all the living years
Of all humanity
And with life time fellowships for all
Will also come elimination
Of the defensive inferiority complexes And the historical survival fears
Of all people of all circumstances
Which in the past
Have always frustrated
Humanity's urge to learn for itself By direct experience and observation How most effectively to comprehend phenomena Instead of judging and guessing opinionatedly As a consequence of credos and dogmas Relayingly inculcated by others
And with all survival fears of all people eliminated By universal FULL-LIFE-SPAN Fellowships To study Universe
And seek understanding
Of the cosmic functions of humanity
Humans will swiftly develop their innate urge To demonstrate competence
Thus qualifying themselves to participate
In producing services to all humanity Wherefor the most spontaneous
And popularly sought for privilege of individuals
Will be to qualify for membership
On humanity's research and development teams
Or on its equally significant
Production and service teams
Just as humans now qualify

For participation in amateur athletics
Such activity having become
Completely divorced from
The concept of earning a living
And with the majority of humanity
Engaged in study and self disciplining
Direct experimental discovery
And familiarization with advantages to be gained
By understanding and use
Of the thus far discovered
Generalized scientific principles
Governing all Universe events
Will also come elimination
Of all wasteful daily travel
To the 90 percent of all jobs
Which are the non-wealth-producing
Specialized bureaucratic jobs
Which had been invented
By both private public and governmental
Power administrators
To keep people dependently obligated to them
As well as too busy to make trouble
For the power masters
Whose instincts said
“Divide to conquer
And to keep conquered
Keep divided”
This having always been the prime strategy
Of all the grand strategies
Of all history's power masters
And with such daily travel elimination
Will come vast reductions
In world energy resource consumption
The significance of which

Can be appreciated
When we recall (A) that science has standardized
the quantifying
Of energy characteristics and behaviors
In terms of lifting a given weight
A given distance outwardly from Earth
In a given quantity of time
As for instance the work done
In lifting one pound one foot in one minute
I.e. in foot-pounds per minute
Or gram-centimeters per second
And (B) that it has also been discovered by geophysics
That each gallon of petroleum
Photosynthesized from Sun radiation
Into hydrocarbon molecules
Regeneratively proliferated by ecological organisms
Harvested and buryingly stored
As concentrated fossil residues
Within this Earth's crust
By wind water and gravitational power investment
Is so long drawn out a process
Requiring so much energy
That it costs nature
One million U.S.A. 1960 dollars worth of energy
As combined work pressure and heat
And chemical interexchanging quantities
Stated in scientifically defined constants
Operatively sustained
Over the requisite millenniums of time
Necessary to produce each gallon of petroleum
When that much energy
For that much time
Is priced at the same rate

At which electrical energy is charged to us today By the public utility companies Stated on our monthly bills

In money units for each kilowatt hour Delivered to us of that much energy

Wherefor in Cosmic Costing

Of the regenerative affairs Of Physical Universe

Wherein all metabolic interexchanging

Is meticulously accounted

To the last unit

Of electron-rest-mass value

Each average automobile commuter

Costs nature several million dollars each day To go to his ecopolitical-system-invented job For which work the economic system Usually pays these right-to-live earners Far less than one hundred dollars a day While less than 10 percent of them Produce any real wealth Of direct human life support

Which means that a few humans

Who pooled together enough money

To buy enough machinery

To poke pipes deeply in the Earth Are tapping Universe's progressive Local energy accumulating

Which when attaining a critical mass magnitude Some ten billions of years hence probably Has been designed to inaugurate a new star To replace others which have burned out

All of which energy accumulating

Cost Universe the one million dollars per each gallon Which the human needs exploiters

Misassume to have cost nothing Wherefor they take for themselves

What the money-game calls“pure” profit Over and above the cost of their mechanical operation And sell a million dollars cosmic-cost-gallon For less than one cosmic-cost paper dollar Which million-for-one is not difficult to do And dwarfs the historical folly Of the American Indians

Who sold the Island of Manhattan in New York

To the Europeans

For one bottle of whiskey

And with the popularly proven adequacy Of life support for all humans And with Universal recognition That being born

Makes it mandatory upon world society

That each human is entitled

To healthful growthful lifelong support Constructive and instructive travel And access to the full inventory

Of information and knowledge and news And all of the thus far accumulated wisdom 90 percent of humanity will spontaneously Disengage from their specious “jobs” And 90 percent of all the modern Fireproof business buildings of the world Will become vacated by the obsolete non-wealth-producing Exclusively money or political-kudos-making businesses Permitting those buildings' conversion Into dwelling studio facilities

Having all contemporary conveniences

Already installed

Most of which conveniences are utterly lacking Or are only inadequately provided In the slum flats and squatteries

In which the majority of humanity now dwells

All of which foregoing changes

And their elimination of the survival fears

Exploitation of which always has underlain

All trade union management and political strategies

Will permit technological automation

To produce at 24 hours per day

Rather than for only eight hours

While computer automated travel facility booking

And video-automated matchings

Of all“availables” with all“wanteds”

Will be operative as a 24-hour information services continuum

Eliminating all newspapers'

Personal want and merchandise advertising

With vast savings of the newsprint forests

And with satellite sensoring

Of each and all humans' positive and negative

Individual electromagnetic field responses

To given problem solution propositions
Integratively read out
By computerized world monitors
And with world around Satellite relayed telemation
And universal cable TV feedback
And universal two-way TV
Beam and cable feedback
Humanity will come to know instantly
What all humanity's
Reactions and dispositions are
In respect to each and all problems
As they arise
And all humanity will dare to yield spontaneously
To the will of the majority
For if the majority
Makes a wrong judgment
The effect will be swiftly manifest
And the majority can immediately alter the course
Without any negative scapegoating
All of the foregoing and
Its many similar ramifications
When compounded with our now proven capability
To house and service all humanity At higher standards than .

We heretofore have ever experienced Plus our organized knowledge Of how to provide all humanity With an annual energy advantage Equivalent to the U.S.A.'s of 1972 And do so by 1985

While simultaneously phasing-out

All use of fossil fuels and atomic energy And deriving our sustainable energy supply Entirely from our annual energy income Of Sun power and gravity effects Ever operative around our planet As wind water wave tidal Sun methane alcohol

Eruptive and thermal sources All of which foregoing
Design science revolution
Will phase out warfare

And release all of humanity's Highest production technology From killingry into livingry production And a world around computerized Integrated life support system And with all the foregoing events Humanity will be reoriented From its one way entropic Me-first energy wastings To its syntropic circulatory Synergetical you-and-we

Cosmic ecology regenerating functions

All of the foregoing will release Our minds to perform their unique Universe searching

Inventing capabilities And information conserving In support of which functioning

We humans alone

Amongst all known organisms

Were given conscious intellectual access

To the family of exclusively mathematically stateable Metaphysical principles

Ever demonstrably governing

The cosmic integrity

Of eternal regeneration

And because the meaning of design

Is that all the parts are interconsiderately arranged

In respect to one another

And because all the generalized principles

Are omni-interaccommodative

Which is to say

That none ever contradict any others

The family of thus far scientifically discovered Generalized principles constitutes a cosmic design To which human mind has

The only known access

Other than that

Of the comprehensive

Absolutely mysterious

Intellectual integrity context

Of Universe itself.

3 A Definition of Evolution

Both Physical and Metaphysical
ENVIRONMENT TO EACH must be
All Universe excepting me.
The Universe in turn must be
All that isn't me plus me.
Physics having found no things,
There are no norms.
Physics has found only behavioral events
Which can be described verbally
Only by verbs.
Universe is a scenario
Of eternally regenerative events
Comprised of the omni-interactions
Of all the otherness and me.
Metaphysically there is an ever evolving inventory
Of most recently and experientially gained Weightless information
Within which
Generalized principles are infrequently discerned
Which most recent information inventory
In conjunction with experientially gained
And as yet valid
Earlier information
Ever synergetically alters
Working assumptions
Or improves comprehension
Of the omni-intertransformative nature

Of macro-micro Universe
And modifies the operative criteria
IOS
Of conscious existence
Within the ever and everywhere physically transforming
Complementary complexities
Which result in a living
Ever evolving totality of comprehensions
Called Universe, which
Like the dictionary—
As a total collection of words
To communicate all the separate
Nuances of experiences—
Can only be meaningfully considered
One at a time.
Wisdom is the consciousness
Of a confidence, overriding the consciousness
That there coexists a complex,
Comprehensive integrity
Of omni-interaccommodative
Eternally generalized principles
Permeating and embracing
Every demonstrably limited
Special case temporal experience
Which nonsimultaneous complex of phenomena
Ipso facto, can never be
Both individually and simultaneously
Considered and comprehended.
The nonsimultaneity
Can be appreciatively coped with
Only by wisdom,
Which discerns, deliberates and decides
In the terms of the assumed omni-integrity
Of eternally transcendental principles

Known and unknown,
One or more of which unknowns
Are presumably involved
When the confrontations
Are inexplicable
By any as yet discovered generalized principle.

That there is deliberatability is inherent In the unprecedented synergetic interaction Of only a few of the principles separated out From the inventory of totally known principles Within the as yet discovered—Yet probably to be increased—Total complex of eternal principles.

Ergo: from time to time, Old assumptions prove fallacious And new unexpected facts of experience confront Which catalyze the reorganization Of the total comprehension

Which accrues synergetically as *wisdom.*

Novelty, synergy and the possible presence Of unknown additional principles Call for both deliberation

And recognition of the inherent Fallibility of wisdom itself, Which fallibility hazard Wisdom appreciates

As nonwisdom does not.

It is the nature of the history Of conscious experiences That information is constantly Multiplying and changing.

For an instance of the evolutionary processing,
Astrophysics makes it evident
To consciousness

That there are no fixed Directions of Universe That can logically be identified As *up* or *down.*

Consciousness finds
The only reliable directional assumptions To be *in, out* and *around*
In respect
To various event foci of experience,
Celestial, terrestrial and nuclear,
Wherefore there can be
No further meaningful use Of the words *up* and *down.*
The metaphysical evolution of wisdom

Is both irreversible and inexorable.
And entropy causes *physical* evolution
Also to be inexorable and irreversible.
The irreversibility and inexorability
Of the entropy
Of all local physical systems' energy diffusions
Can be experientially demonstrated
And mathematically explained
By the variety of interference-occasioned reflections
And refraction anglings
Consequent to energy event interferences
Which are not equal, and alternate
In relative frequency of occurrence
And demonstrate varying nonsynchronous rates
Of energy egress
From any experientially demonstrable
Previous local energy embracements.
What we mean by evolution
Relates strictly
To both metaphysically and physically
Evolving frontiers
Wherein the basic informational assumptions
Of consciousness
Are being progressively altered
Simply or complexedly, Energetically or synergetically.
Now is the syntropic orderly regrouping,
The only fleetingly identifiable
Evolving consciousness
Of evolving meaning
In respect to the irreversible
Inexorability of change.
Status quo is inherently historical
And is analogous
To the ounces of progressively souring cream

Floating upon the tons
Of milk of experience.
Evolution is a scenario
Of progressive comprehension
By consciousness
And is not predictable
By any single-frame experiences.
Evolution is the scenario
Of eternally regenerative Universe
At its ever more inclusive
And exquisite synergetic eventing.
Status quo
Is a multidimensional tapestry
Of what has been
And will never be again.
And is, ipso facto,
No longer existent.
It is evident
That 99 percent cent of society
Is now preoccupied positively or negatively
Only with status quo,
Ergo, with nonreality,
Ergo, ignorantly.
It is implicit
That the fact of eminent feasibility
Of high standard sustainability of all human life
Now recognized by less than 1 percent of humanity
Must gain a 99-fold amplification
Which involves a 99-fold
Educational reorientation
To synchronize human capabilities
With the inexorable and irreversible
Frontiering of evolution.
This educational regeneration

Is now the highest priority function Of intellect in Universe.
The only significance and justification
Of human existence in Universe
Is to develop and sustain
The capability of the intellectual functioning
Of ever multiplying wisdom
To cope with the manifold local Universe problems Attendant upon eternal Regeneration of Universe.
Hope of humanity's self-validation
Is manifest in the youth of today
Who are casting off
All the conventional educational preoccupations
Which futilely obstruct evolution
And perversely sustain status quo.
Youth is jettisoning
The status quo
As does the chick abandon
Its broken egg shell.
All the king's horses
And all the king's men
Though supported financially
By 200-billion-dollar-a-year
Military budgets—
And by all the
World around nonthinking
Public or private bureaucracies—
Cannot put status quo together again
Nor sustain
Its limited beneficiaries' profitability.
May the great
A priori intellectual integrity
Of eternally regenerative Universe Grant glorious flight
To the new-born.

4 ‘And It Came to Pass” (Not to Stay)

No further time
to ask “War or Peace?”
Planetary revolution is here:
But there are options—
A hot-headedly conducted, Bloody revolution—Everyone loses;
A cool-headedly conducted,
Design science computer-accommodated Wealth-accounting revolution—All humanity wins.

AMONGST THE AMERICAN INDIANS, it was the *nations,* not the chiefs or individuals, who controlled the land.

The Indians assumed that they had
only the hunting, fishing, cultivation and dwelling rights.
All the land, water and sky
belonged exclusively to *The Great Spirit.*
And the same concept was held
By Africans, Eskimos, and Austronesians.
But it was long ago conceded
in Europe and Asia
that whoever owned the productive land controlled the wealth.
In Europe and Asia
the many individual warlords controlling the lands were the *owners* of all wealth.
They were the“wealthy.”
* * *
How did these disparities of viewpoints and controls occur?
* * *
Many direct questionings of audiences

Of more than a thousand each
Have disclosed that no matter what
Humans think wealth may be
All of the humans questioned felt
That no matter how much wealth they might have They could not alter one iota of yesterday.
All agreed that whatever wealth may be It can be articulated Only now and henceforth.
Wealth is irreversible.
The case of the billionaire on a sinking ship
Who offers to pay a million dollars
For the life preserver
Buoyantly supporting the one and only life belted individual
Floating safely away from the disaster
Which offer the lucky one rejects
Even though finally bid for at the tycoon's limit
Of a billion dollars“cash money”
Proves that money is not wealth
For it cannot buy any“henceforth”
Days of life.
Under omnirealistic conditions
When bluffing and credit are of no avail
Money can be articulated
Neither backwardly, forwardly, nor now.
True wealth *is* the already accomplished
Organization of physical environment resources
By human capabilities
To clothe, shelter, feed,
Protect, inform
And accommodate the initiatives,
And transport requirements
Of human lives.
The magnitude of true wealth consists
Of the number of forward days

Of the number of human beings
Assuredly provided for
By at hand artifacts and consumables.

Including both physical and metaphysical considerations True wealth consists of: (A) *Energy,* (B) *Know-How.*

A. *Energy* (as intertransformable radiation and matter): Physics concedes that all the physical evidence discloses an eternally regenerative Scenario Universe in which no energy is created and no energy is lost.

Being cosmically inexhaustible, the energy content of wealth is constant.

B. *Knoio-hoio* Which can only increase. All experience always teaches. We always learn *more.* The more we learn anew, the more words we need to communicate that of which we have newly learned. The number of words in the dictionary always increases.

The *Know-how* part of wealth always increases.

The *Energy* part is constant——and cannot decrease.

Therefore, wealth always increases and all the wealth increase always comes from increased, experience-born Know-how. But arbitrary accounting systems have shunted the *inexorable-wealth growth,* known as profit, almost exclusively into the earning account of the owners of the physical equipment, premises and raw materials. Their "balance" sheets show only the physical assets, despite the fact that it is only the metaphysical Know-how which produces the wealth.

As a consequence, the present accounting systems fail to disclose the true state of terrestrial humanity's wealth

which is now adequate to support all humanity and all generations to come at a higher standard of living than any humans have ever experienced or dreamed about.

This is what
only the computer accounting revolution can clarify for all humanity.
It is the misinformation
emanating from the present inadequate accounting which may well spark
the hot-headed bloody revolution.

TRANS-MEANINGS OF WEALTH

Throughout the history of civilizations people leaders have assumed the a priori existence

of a fundamental physiological inadequacy of human life support resources,
which assumed lethal terrestrial inadequacy, in turn, has given rise

to all major political partisanships

and their respective theories

for resolving which econo-political systems, and which individuals within those systems, may be fittest to survive.

Because the cause of this problem seemingly lay beyond the bounds of *human control,* it was merciless, mercy being an exclusively human grace.

But the vast majority of people themselves remote from and mostly unaware *of one* another, were almost entirely illiterate

and quite unaware of their leaders' assumed planetary inadequacy of life support.

Throughout all past history, people assumed a sometimes benign, sometimes displeased divine wisdom to be cosmically operative.

Amongst the less than 1 percent of humans who had acquired fortunes, those advantaged by the most secret technical, economic, and political intelligence had exclusive knowledge of“the inadequacy,” and commanded their affairs in such a way as most probably to sustain their good fortune by anticipating and exploiting scarcities, and devoutly proclaimed that“God helps those who help themselves,” the evidence for which as manifest by their own example seemed undeniable, ergo, also seemed to fully vindicate human selfishness,“certainly” as modestly exercised in looking out only for one's own dependents.

As, for instance, in a high seas disaster does each father fight to get his wife and children, but seldom himself, into one of the inadequate number of the ship's undamaged lifeboats.

However, some fathers split-secondly reason that without their own continuing presence their families will perish even though safely reaching land, and therefore also split-secondly rationalize it to be God-given wisdom that only whole family units should either be saved or perish together, ergo, this swiftly rationalizing father assumes a cosmic obligation to save himself to save his family.

All the while many a powerful unmarried male need only his swiftly remembered“God helps those etcetera” to bid him be first to enter the lifeboat.

From secret time to secret time in superficially peaceful times the partisan leader or family head operating politely, but enlightenedly must make a move which deprives others of any further chance of being included amongst the successfully living.

In“civilized” society these others-depriving successfuls execute their too-swift-for-the-eye, rapier-like touches behind a facade of concerned neighborliness. Often touche is backhandedly executed Simply by failure to disclose relevant information While those they doom

Have no way to know they have been doomed Until months, or even years, later.

Realistically speaking, no one has a God-signed deed to ownership of anything let alone a cosmically valid deed to a surveyed plot of land—all the ground below and the sky above it as purchased through the“real” estate agency, and thereby a“legally” acquired title to a rectangular-sectioned core of planet Earth running vertically inward of one's plot and emerging in the other hemisphere as one's antipodal acre of land in China, as well as one's ownership of the core of sky reaching outward vertically through heaven to eternity through which cosmically-aimed core stars and asteroids from time to time trespassingly travel.

What eventually constituted such“legalized” ownership of land probably began millions of years ago when one male human by chance of birth grew to be much larger than others, whose size proved of physical advantage amongst hunting, fishing, fruit-, nut-, and root-picking people particularly in tribal survival warring when the big one said,“that's mine”—*that* was *that.*

Multi-millennia later after the lethal demonstration of the greater range of hitting power of sling-armed little David over the bludgeon-clutching giant, Goliath, the power structure advantage began to shift from short-armed bulk to distance-armed cunning—to more with less.

But“legally” documented ownership of land came only after nomadic berry pickers and hunters, finding special localities in which grew the vegetation, fruits, fowl, and animals most favorable to their life support, settled and began domesticating hybrids of such biological growths which prospered exclusively within those special geographical environments.

But the *concept* of legal“ownership” probably originated in an epidemic of episodes known today as strong-arm racketeering which offers“acceptance” of “protection” or *else.*

Coerced“protection” began millennia ago when a horse-mounted swordsman rode up to an unarmed shepherd tending his flock of sheep in the wilderness and said, “that's too valuable a flock of sheep to be wandering around out here unprotected by arms in this dangerous country.”

After the shepherd's laughing denial of danger there came a few nocturnal“or else's”—many sheep killed or lost—whereafter geographically-identified *protection* areas were grudgingly accepted by the producers of the real life support wealth.

This exercise of lethal power advantage of the armed over the unarmed—of the scheming non-wealth-producers over the innocently preoccupied life support producers—led to swift overlord claimages of all the known productively habitable lands of Asia, Europe, and the Mediterranean world.

Interminable re-takeovers by the successively stronger lead, by ever more powerful “mergers and acquisitions,” to vast sovereign conglomerates to EMPIRE!

Thereafter major shares in these,“or else-ings” accomplished, sovereign realm acquisitions were *deeded* by the Empire's Emperor to his prime henchmen who indeed and by-deed had shared in the accomplishment of Empire, the deeds being to vast“Entitled” areas as Principalities, Dukedoms, and Baronies.

Thereafter these deed-entitled landlords for further values received gradually deeded forth to others ownership of small fractions of their now socially and financially honored property titles.

Historically, those who have“owned” the land have had the best chances of survival: as provided to the“protector” by his tenant farmers, herders, huntsmen, serfs, peons, peasants, slaves, etc.

Ownership of the means of production identified exclusively as being the land throughout the long agrarian millennia has always been accounted as the prime ingredient of classical economics'“wealth”; land wealth became identified as capital wealth, which, as entered onto the ledgers, gradually included the factory buildings, and later their fastened-down tools, their plumbing, wiring, and other fixtures; legally constituted capital assets were exclusively physical.

As iron from Minnesota, manganese from Russia, and tin from Malaysia were transported, processed and combinedly formed into surface-coated thin sheet metal, non-rusting cans within which food could be hermetically sealed, long-lastingly stored and safely shipped to anywhere around the world and a myriad of other only metallurgically realizable analogous technological events transpired—including the production and proliferation of farm-working machinery, motorized transport and around-the-world split-second electromagnetic communications networks. The 90 percent of

humanity that had theretofore worked the farms in the pre-preservation-of-foods era and had to live on or near them in order to be nourished by the farm produce ere it or they perish were suddenly no longer needed on the farms and no longer needed to live there to survive. They migrated to the cities looking for jobs.

This whole development concurrently witnessed the world-around discovery of mining lands. This was not only a new kind of capital land wealth, but a recapitulation of the meaning of wealth for these mining lands usually existed elsewhere around planet Earth than under the farmlands.

Mines were usually located in geographically remote"colonial" areas with the ownership of these wilderness mining lands being claimed by the European land lords who employed the "credit" of their wealth to finance the building of the ships, the voyages of discovery, the engineer-scientist skills for working the mines and the navies to protect their high seas"lines of supply." Thus began a new era of capitalism, that of a world metals cartelism masterminded by and rigorously ruled by private international bankers who extended the credits to the landowners. This was called finance capitalism.

Then, all unexpectedly, science penetrated the micro- and macro-ranges of Physical Universe within whose 99.999 percent invisible reality the atomics of metallurgy became so comprehended that all the metals became both recoverable and recirculatable; old buildings, machinery, obsolete armaments and ships became the new"high-grade" mines.

The total overall tonnage of old machinery, buildings, and ships became comprehensively replaced by more effective and efficient equipment, in overall twenty-two year regeneration cycles within which the recirculating metals are progressively alloyed, formed, and complexedly assembled in such a manner as to most effectively realize the enormous interim gains in scientific and technical"know-how"—to produce ever higher functional performance capabilities with ever less investment of energy as matter, time, and work per function, while always providing ever more humans with ever more and ever higher standards of sustenance and services.

The divorce of the metals from mine land ownership control produced two new world wealth controlling groups

(A) that of the U.S.S.R. and Chinese Communist party controls of their successive five-year plan industrializations and

(B) that of the self-perpetuating

free enterprise, supranational corporation managements, the latter omni-controlled by a supranational know-how-importing-exporting banking fraternity.

Within only this last hundred years of the astronomically recognized ten-billion-year history of planet Earth which is to say within only *one one hundred millionth ot* all known time of Scenario Universe's continuity episodes, the human conditions on planet Earth have been so altered that as we write in January 1976, 52 percent—the majority—of all humanity is now experiencing a higher standard of living than ever had been experienced, or even dreamed of even by the most powerful royalty, the richest commoners and the most privileged of humans anywhere around Earth before 1900 a.d.; a standard of living in which the longevity of those two billion advanced way-of-living people has been approximately doubled, with nine-tenths of history's diseases conquered, and their annual miles of normal to-and-froing increased 50-fold; a century within which the time of bodily travel between the remotest from one another peoples on Earth has been reduced from 180 days to one quarter of a day;

World's people have changed from 90 percent illiterate to 90 percent literate;

and most importantly of all,

a century within which all of humanity

has become intimately and constantly aware of all one another's presence around our planet.

Utterly contradicting the validity

of the negative all-history-affecting assumption

of an absolute inadequacy

of terrestrial life support, it has become experientially demonstrated that entirely unexpectedly to all history's working assumptions and predictions, a new chapter in that history has suddenly opened, which is led by

(A) the enormous know-how acceleration in doing ever more with ever less which can elevate *all* humanity to a higher standard of living than any have as yet experienced

and do so exclusively through inanimate artifacts which do not oppose, but altogether eliminate undesirable customs and functions

by rendering them obsolete—

for instance, it long has been recognized that“you cannot take it with you—(your possessions) into the next world”; but now we realize that

“you also cannot take it with you—(your possessions) around the world.” The omni-world-involved progeny of today's land (and other immobile property) owners

do not wish to inherit

that which impedes their travel wherefore *ownership has become progressively onerous.* The ages-long desirability of property ownership has been made obsolete

through the implementation of around-the-world living.

This historic termination

of the socioeconomic advantages of immobile property did not occur as a consequence of a trial-by-arms

dispossessment

as in all past revolutions.

Now all the landowning syndicates banks and corporations

are trying to unload their real estate properties onto individuals through coerced cooperative and condominium schemes.

The“ wise money” is switching its investments into supranational automated know-how, service industries.

With the peoples of the world's one hundred and fifty sovereign nations utterly unaware of such trending the world's major socialist party managements and the supranational banks' managements who manage the supranational corporations' integrated regenerative systems are finding it progressively expedient to integrate their operations.

Each is discovering the others' strengths and weaknesses discovering what may be socialized and what can only be enterprised.

No matter what systematic methodology world governance may evolve, evolution seeks experience-enlightened, universal, and lasting acknowledgment of the essentiality of accommodating pro-social individual initiatives and the insights of the individual human's mind. It is essential that all human governance guarantee the individuals' access to research and development resources

adequate to proving the validity of the individuals' omni-society-benefiting technological inventions, as well as to demonstrate the invention's innovative advantages thereby realizable for all humanity.

There is a fundamental difference between the commonwealth's

(synergetic) accruals from individuals' initiative and the exclusively *individual profit* accruals of such individual endeavors.

The evolutionary integrity of regenerative Universe requires that the advantages of successful initiative must always accrue synergetically to commonwealth thereafter always to be directly reinvested in further support of individually conceived, served, realized and proven, more-with-less inventing. Such discovery and invention initiatings constitute the headwaters of the great rivers of know-how whose flow has now become recognized as the regenerative essence of wealth augmentation.

We repeat
World revolution is upon us;
Humanity has two options:

1. a bloody, pull-the-top-down, political revolution, or

2. a bloodless design science revolution

of exponentially compounding 20th century science and technology gains in accomplishing both ever greater and more incisive tasks with ever less resources per each accomplished function for ever more humans.

(B) which is coupled with

the now predominantly recirculatory inventory of metals and other chemical element-resources

(C) which in turn is coupled with ecological regendrativity and

(D) is again coupled with the

eternal cosmic regenerativity of mass-into-radiation- and-radiation-into-mass and repeat of ever everywhere transforming Scenario Universe the realistic accounting of which omni-regenerativity makes it altogether incontrovertibly manifest that there now exists adequate physical resources and metaphysical know-how with which, within only one more decade, to render all humanity economically successful while also accommodating evolutionary growth and ever increasing human freedoms, as well as providing an equally superior physical success for all foreseeable generations.

Wherefore we now must assume *selfishness to be no longer valid,* which assumption greatly alters not only the validity of exclusively private enterprise profits, but also the validity of exclusively socialist ideologies, within the same cosmic evolution which brought about the 20th century's utterly unexpected synergetic changes transcendentally to all human contriving.

The world-around economies both socialist and private are trending swiftly to comprehensive service industries wherein individuals only rent their homes, vehicles, communication facilities *et al.,* while corporations only rent their ever-evoluting machinery and buildings. This will swiftly induce the development of vast intercontinental recycling service industries with computer-time scrapping, stock-piling, renting and recovering of materials and of all chemical elements.

In effect, the world's metals-bearing public lands will have been transformed into a world-governed, world-around metals-renting operation. *Fixed* properties will have become comprehensively obsolete, but not as a consequence of political revolution.

And the rented mobile properties will become progressively miniaturized and ephemeral.

These great evolutionary trendings have their unique gestation rates and cannot be accelerated or retarded

Whereas in 1776

a westward-around-Earth rolling evolutionary wave deposited a cross-breeding world peoples on the North American continent who declared and effected their independence from the“or-else protectionism” of the old world and established themselves as a democratic federation of free initiative individuals, now in 1976, these North American resident democratically federated, cross-breeding worldians are declaring their recognition of the essentiality

of unfettered *interdependence of* all humanity

the continued frustration *of* which

by the many fearfully or selfishly biased organizations

may well doom human occupation of our planet.

Concurrently a new era of wealth has dawned which if not frustrated by selfishness will eventuate in a world-around acknowledgment, and be computer accounted as consisting exclusively of metaphysical know-how regarding the omnihumanity-supporting capability of the family of generalized principles governing the associative and disassociative behaviors of the gravitationally conserved electromagnetic Universe.

The cosmic hunting and fishing rights will be universal. The only owner will be the“Great Spirit”—the nonanthropomorphic god of the Indians, Eskimos and all of Earth's earliest free-ranging humans will be re-cognized.

Mind will have returned into complete ascendency over matter.

5 Soft Revolution

The exponentially accelerating rate
Of a new world order realization
Is irreversibly emergent
Through chain-reaction emergencies
Transpiring as a primarily invisible
Soft revolution.
As omnihumanity's critical thoughts
Break out as news events,
With the break-outs too swiftly shifting
Their geography
And too frequently multiplying and altering
Their run-off routes
To develop any local power clotures
And consequent burst-out bores
Of sufficient local magnitude
To detonate full-scale hard world revolution,
Yet so far outperforming hard revolutions
In omniegalitarian social advancement—
By elevating the bottom
Instead of depressing the top—
As to be arriving
At a world's socioeconomic ocean
Which levels spherically
To contain any magnitude of local energy outbursts
Such as storms or volcanos
Whose violence is swiftly dissipated

By circumferential wave displacements.
The brimming ocean of commonwealth
Is bound radially by gravity
In a spherical mantle unity
Which when spherically normalized, Will pulse only
In world tidal integrity
As an omniliterate,
Closed-sphere-system democracy
Consciously, spontaneously, instantly
Rearticulates its wave responses
To world around
Electro-telepathetic info-wave inputs.
The scientifically manifest governability
Of all physical behaviors
Of both macro and micro Universe
By weightless, eternal, omni-interaccommodative, Mathematically elegant, metaphysical laws Which in turn are only humanly discoverable By weightless mind Suggests that such laws May also be in governance
Of the operational order of development
Of the universal mind
As born into individual
Local information-processing organisms Upon planet Earth.
The one common denominator
Of all history's human lives
Which is also exclusively unique
To human experiences
Is their constant confrontment
By weightless, abstract, metaphysical problems Spoken of as morals, policies, intrinsics, Aesthetics, mathematical logic, et al.
Which are not involved
In the physiological problems
And chromosomically programmed instructive drives And subconsciously conditioned reflexes
Of all other biological organisms.

Humans apparently are born
To monitor and prove
The omnidesigning integrity
Of the eternally self-regenerative
Beginningless and endless Scenario Universe
With its vast frequency ranges
Of omni-interpulsative
Yes-no, give-and-take
Radial expansions and circumferential contractions.
Universal mind kaleidoscopically test-resonates
Its anticipatory provisions
For an infinite variety of complementary,
Covariant differentiations of totality—
On one hand into a myriad of omnienvironmental
Evolutionary accommodations of—
On the other hand—local individual organisms
Consisting of a plurality of maximally complex functions
Planetarily situate as biological,
Self-reproducing and regenerating entities;
Some being furnished with integral brain controls,
And one special control group
Wired by the hot line of intuition
To universal mind's front office switchboard,
And with each individual organism
Having its own unique evolutionary life sequences
Of local self realizations
And group attainments
Gradually evolving individually
By trial-and-error discoveries
To final re-emergent synchronization with totality.
Humans have the unique function in Universe
Of coping comprehendingly and objectively
With the subjectively apprehended metaphysical problems
Occurring locally

Whose local solutions are mandatory
To eternally regenerative universe.
Problems, problems, problems!
“The show must go on.”
HUMANS ARE ESSENTIAL FUNCTIONS OF UNIVERSE.
Mind born into human beings—
Into individuals co-dwelling around planet Earth—
First self-discovers itself
Then“the other”
Mum-mum, M-other.
Then discovers its own physical sensing organism
And begins to remember and to reconsider
The stored and retrieved
Brain coordinate collection of information:
Whereafter it self-discovers
The integrity of its metaphysical mind
And the latter's reaching and penetrating search
To comprehend and deduce
The significant eternal laws potential therein
Which are gleanable only
From out-adequate inventories
Of experience relationships.
In due course the individual mind may comprehend
The cosmically ranging magnificence
Of the transforming totality
Of already mind-harvested knowledge
Thus compounding its unselfish considerations,
And expanding its tolerance
Into appreciative awe
Which altogether synergizes
To generate wisdom.
Wisdom is evolved only by synergy
Which is the behavior of whole aggregates
Not predicted by the separate behaviors of character Of any one integral part.

Ergo synergy is non-occurrant cerebrally
During monofocus upon self
In preoccupations
Essentially exclusive of others.

The universal mass interattractions called gravity Of galaxies, star systems and atoms All manifest *physical synergy.*

And the eternal, mathematical, abstract integrity Of scientifically generalized weightless principles Governing all relatively and logical thought All manifest *metaphysical synergy.*

Love, faith, trust, intuition and wisdom
Manifest *cosmic synergy*
Which is combiningly regenerated
By both metaphysical and physical synergies Which are inescapably co-joined
With the eternally enveloping and permeating
A priori mysteries
Of whence, why and whither,
Nowhere and nowhen,
The within the withinness
And the without the withoutness.
Due to the myopia of popularized selfishness Naught is so invisible
As the obvious
Whose immediate relevancy
Can be seen synergetically
Only through deep-focused wide-angled lenses.
Entropy means the initially disorderly Disengagement behaviors
Of seemingly random energy come-apartness—Of only locally dying
Individual integral systems
Of the cosmically eternal totality
Of interminable Scenario Universe.

Entropy is the momentary disintegral,
That is, the disintegrative phasing
And expanding disorder

Of relative asymmetry
As viewed relative only
To the disassociating phases
And the abandonments of dying systems
Which phenomena may also be simultaneously witnessed
As syntropic recollections
And increasing orderliness
Relative to new system formulations.
Selfishness is inherently antisynergetic.
Synergy can be socially realized
Only through spontaneous unselfishness.
In due course wisdom discovers
The cosmic evolution pattern
Of its own inexorable growth
To metaphysical mastery
Of physical muscle, brain cunning
And antisynergetically monopolized physical power.
As dominance
Of the metaphysical over physical is accomplished
And of wisdom-born vision
Over short-sightedness
And fear-engendered selfishness—
The perverse affairs
Of progressive self-and-other discovering Earthians
Begin to transform into compatibility
With the omni-integrity of cosmic totality.
But as long as self-consciousness—
Yclept life—continues
The inherent inexactitude
Of Earthian mind's
Self-and-environment apprehending
Will continue only as a dependent function
Infinitely subordinate To cosmic totality.

But life will—ever and anon—Experience inspirational glimpsing Of the orderly cosmic vectors All of which point convergingly Toward the absolute truth Which is incomprehensible

To inherently limited temporality—

Humans were born upon Planet Earth, Naked, absolutely self-helpless, absolutely ignorant, But equipped with brain-monitored sensors With which to apprehend and store And retrieve for review Each special case experience.

Humans are also endowed

With memory-reviewing minds.

Once in very rare moments Individuals using their minds Progressively discover

Metaphysical and mathematically equatable Generalized principles

Which are constantly operative

Amongst the behaviors

Of comprehensive special case experience-aggregates While being utterly unpredicted by the characteristics Of any of the individual parts.

Human mind later discovers

That these subjectively apprehended principles Can be consciously and objectively employed To give humans ever increasing Technical advantage capability

To cope successfully

With locally interacting events of life In such a manner as to conserve

Not only humanity's integrally regenerative physical organism

But also its metaphysical faculties

While all the time amplifying

The number of days of life

And reducing both physical and metaphysical restraints,

Thus multiplying the exploratory ranging of humans

Throughout the micro-macrocosm

While also increasing proportionally

The number of humans,

And numbers of regenerations of humans to come,

Each to participate ever more consciously

In local evolutionary events of Scenario Universe.

The invention of an utterly ignorant,

Helpless, naked, multibillion-part,

Energy importing, processing and exporting,
Self-building and -regulating organism,
Consisting primarily of water
And operating at a constant temperature of 98.6° Fahrenheit,
Requires also the co-invention, by Universe,
Of complementary environmental conditions
Which operate spontaneously
To look out for the helpless organism
In the most exquisitely detailed electrochemical manner.
Human mothers do not know how to invent their milk-giving breasts,
Nor the air which the child must breathe.
Those environmental support features
Are predesignedly provided.
It is implicit that the beginning
Of human life aboard planet Earth
Must have been situate within a complex
Of optimum environmental conditions
Where it could not be killed by:
Freezing, dehydration, slow solar incineration,
Fast volcanic incineration,
Or being eaten by animals
While always remaining adequately moist, cleansed and fed.
These optimum planetary conditions
Are found comprehensively
Only along the palm-shaded,
Shoal-watered, sandy beaches
Inside the barrier coral reefs
Of lagooned islands in mid-tropical ocean waters
Where coconut milk, fish, and fruits abound
And there are no man-eating animals.
Because Vitamin D is essential
To the production of human bone structure
And Vitamin D is only acquirable
From Sun

Through photosynthetic processes of human skin,

And because oversupply of Vitamin D can become lethal, Nature introduced yellow (carotin)

And dark brown (melanin)

Optical filters into the human skin

Of those most powerfully exposed to Sun radiation.

Where undersupply of Sun radiation occurred,

All color filters were removed

Producing white skin.

Eskimos, having sunlight deficiency,

Receive their Vitamin D from whale blubber, The only food known to contain Vitamin D.

The earliest humans' skin

Became darkly Sun pigmented.

Successive generations of successful survivors

Had progressively darker skins

Inbred genetically by gene concentration

Of the mutating survivors

Best adapted to environment.

Dwelling for years at the often overwhelming

Mid-ocean interface of sea, land and sky

Human mind discovered the principles

Of floatability, paddle-ability, wind-propell-ability, Steerability and off-shore navigation.

These extracorporeal mechanisms and knowledge Permitted humans to explore vast areas Unreachable by walking or swimming With man's corporeally integral equipment.

In due course humans reached mainlands, And, mooring offshore at night, By day coped with and domesticated Mainland animals, large and small.

Wearing animal skins on their backs

And on their large hats/huts

They followed their grass-seeking herds And penetrated the cold uplands.

Intuitively following the life-giving Sun

They deployed northwestwardly

Upon the vastly unfolding Eurasian continent.
Thus humans disappeared
Fanning out geographically
In myriads of separate tribes
Ever more isolated from
And eventually forgotten by one another.
Forced by high mortality
Chieftains often inbred with granddaughters and nieces Genetically concentrating organic features Though knowing ought of genetics.
Thus evolved physically differentiated
Separate“nations”
Which are tribes
And not places.
The further north humans penetrated
The more they hibernated
And the more bleached became
Their unexposed skins and hair.
Receiving approximately no Sun, The palms of all human hands and feet Are depigmented.
A dark skinned human race originally
Occupied Earth, millions of years
Before their white skinned
Northern progeny evolved.
There is no race other than the human race.
Those who look superficially different
Are the consequences only
Of millenniums of isolation, attrition
And inbreeding of the survival types Under unique environmental conditions.
So powerful are the climatic pigmentation effects
Of the tropic to arctic
And sea-level to mountain top
Sun-radiation angling
Temperature and humidity differentialings
That the coloring

Of the world's hardwood trees
Ranges from northerly mountainside
White and pink woods
Through torrid zone yellows and reds
To tropical teak greys
And dark brown mahoganies
To equatorial jungle ebony blacks.
These fundamentally dominant inbreeding effects
Are not contradicted
By exceptional cross-breeding cases
Amongst humans and trees
Produced botanically by world around seed blowing
And anthropologically by the vast waterborne shuttling o sailors.
If, in fact, there were different races
No political contriving
Could close the psychological gap.
But in fact
There is only one:
The human race.
Unhampered by clothing
The dark skinned worldians of pre-history Developed greater stature And physical strength
Than their bewrapped and bleached out
Cold climate cousins
Which paradoxically brought higher prices
For the powerful dark skins
In the slave markets
Into which for millenniums
Asia Minor's war prisoners
Were cashed-in for prize money.
Because the white prisoners' physical inferiority Provided no market for them
The practice of selling white war prisoners
Had been abandoned
By predominately white Europeans

Before they colonized America

And fought their Revolutionary War In which white prisoners were not sold; Thus the true history of the origin of slaves Was lost to American consideration.

European slave traders purchased

The black prisoners

From the chieftains of victorious

Black African tribes.

They sold them on the American auction block Exclusively on their physical features.

The black prisoners' unfamiliar languages

Were ignorantly misinterpreted by white settlers As indicative of mental deficiency.

Ignorant America misassumed The black skinned people to be Another and inferior race.

Though man is known to have been present on Earth For multimillions of years,

We've known with experimental certainty

For only one decade

That undernourishment in the womb

Or during the first year of post-umbilical life Results in brain damage of human babies.

In order to grow regeneratively

Humans are automated

Through built-in hunger

To take on energy In the form of food.

Born absolutely ignorant

They were often poisoned By easy to see, pick and eat Berries, toadstools and other botanicals.

They learned by observation and experiment That fresh animals' flesh

Was safe and nourishing.

Large aboriginal men coped with animals

More successfully than did little men, And thus came to monopolize hunting. The living animals, conditioned reflexively By many generations of trial-and-lethal-error To avoid poisonous vegetation

Had, however, eaten vast quantities and varieties

Of nonpoisonous vegetations and herbs
Thus acquiring a comprehensive diet
Chemically suited for optimum human organism maintenance Including maintenance of a healthy brain.
Historically the populace in general was forbidden Under penalty of death
From killing and eating the king's animals.
The proletariat had to make-do
With the weeds, grains, herbs and roots
And their limited chemistries.
Their undernourished babies were born with
Or quickly developed damaged brains.
Bellies filled only with rice
Are chemically undernourished.
The 99 percent comprehensive dullness
Of the impoverished masses of humanity
Has been mistaken historically by both Marxians and kings As demonstrating the coexistence of two genetic species or classes:
1) The clever king stock, and (2) The dull workers.
We now know genetically
That there are neither different races
Nor different classes of humans.
At outset of mainland occupation
Of Earth's dry surface by humans,
Only 1 percent of the land
Was immediately propitious
For sustaining human life.
The propitious locales
Were isolatingly scattered.
Humans, in small, local nations,
Were approximately unaware of each other.
Local kings and their
Only-by-weapons-disputed sovereignties
Were inevitable consequences of the
Geographical isolation—

All of which was a seemingly God-given condition
Both to the 99 percent illiterate humanity
And to the nobles.
That any could be as exceptionally
Fortunate as the king
Was so extraordinary as to render it
Spontaneously logical
That only God could devise such fortune;
Ergo, in all reverence to God All must reverence the king.
Preindustrial agricultural existence
And its socioeconomic accounting
Was local and seasonal
And limited exclusively
To biologically impounded celestial energy—“No crops” and the people perished.
In complete contradistinction to farming
Industrialization is universal, evolutionarily continuous And hooked up directly
To the inexhaustable radiational and gravitational chemical energies
Of eternally self-regenerative Universe.
Now a classless raceless humanity around Earth Is importantly aware of one anothers'
Daily lives and circumstances.
In my lifetime I have witnessed One and one half billion humans Attain a higher standard of living Than that experienced or dreamed of By any of the kings of my childhood.
This advance of living standard
Has resulted in the doubling
Of their longevity
And a twenty-folding of the area of Earth's surface—As the stage on which their lives are realized.
The rate of energy mastery gains by humans In this utterly unpredicted turn of history Indicates economic success for all humanity Before 2000 a.d.
If-if-if
In its negative reflexes
Humanity does not blow itself into extinction.

Clearly, evolution is trying
To make all humanity a success
Despite its innate ignorance and millions of years
Of failure and fear-conditioned negativeness.
Increasingly we will see the fearlessly conditioned young
And their innately truthful generation of humanity
Divesting itself of the historically assumed self-misconception
That average man is born to be a failure
And must earn a *living,*
I.e., prove his right to live
In order to be considered an exception
And even privileged to participate
In the vitally scarce life-support resources.
Accelerating invisibly
The changing mood of youth
Will throw off all sovereign protectionism
Either local or continental.
A swiftly multiplying *world human*
Will come into majority control
Of social economics
And will have converted the economic accounting system
From an annual profit-and-failure system
To an exclusively successful
Planetary industrial system,
Based on human *life-support* hours produced
As augmented by mind-evolved know-how.
This transition will account
Yesterday's so-called “un-employment”
As constituting historically-won freedom to think
And will be formally supported
By universal research fellowships
With which to develop
Humanity's wealth-evolving metaphysical faculties.
This revolution will be accomplished

Unexpectedly, invisibly, emergency
Manifest by a swift set
Of political inadvertencies, Expediencies, compromises and detente.
Through emergency after emergency will emerge
Utterly unprecedented adjustments
Which will seem so logical to all the world
As to seem quite natural,
Ergo, permitting utter change
Which seems like no change at all.
Thus avoiding all opposition.
This will free automation to start regenerating wealth
At an exponential growth rate
On an around-the-clock,
Around-the-world basis
Employing the already extant Invisible technology and know-how.
And as humanity comprehensively reconsiders
The myriad nuances of information
There will be synergetically catalyzed
A universal awareness
That humanity is indeed destined
To be as comprehensively successful
As is the hydrogen atom or gravity
And that humanity is now directly geared-in
With the inexhaustible
Physical and metaphysical wealth of the Universe
And can afford not only to do whatever it needs to do—
And right now—
But in fact can afford
Nothing else but success.
Right now!
The alternative is “curtains”
For the little crew of humans
Aboard this approximately inconsequential
Celestial vehicle Earth.

Universe does not put
All of her essential functions
In one celestial basket.

6 Ethics

In the evolution of political-economics Of the late 20th century

There is an emerging pattern In which yesterday's virtues Become today's vices And vice versa Vices virtues.

We hope this signals the demise Of either dollar or gun manipulated Political puppetry's Overwhelmment of humanity

Throughout the past state Of innate ignorance of the many. The informed few

Told the uninformed many What to do

So that the many's coordinated efforts Could produce most effectively The objectives of the few.

And omniwell-informed humanity Does not need to be told What needs to be done

Nor how to cooperate synergetically; It does so spontaneously.

History demonstrates without exception That successful sovereign power seizers And successfully self-perpetuating,

Supreme physical power holders in general Will always attempt to divide the opposition In order to conquer them

And thereafter keep the conquered divided To keep them conquered.

Controlling the sources

Of production and distribution

The self-advantaging power systems

Keep the conquered divided

By their uncontestable fiat

That the individual's right to live

Must be earned

To the power structure's satisfaction

By performing one of the ruling system's Myriad of specialized functions.

The top-gun, self-serving power structure
Also claims outright ownership
Of the lives of all those born
Within their sovereignly claimed
Geographical bounds
And can forfeit their citizens' lives
In their official warfaring,
Which of psychological necessity
Is always waged in terms
Of moral rectitude
While covertly protecting and fostering Their special self-interests.
To keep the conquered
Controllably disintegrated
And fearfully dependent
“They” also foster perpetuation or increase
Of religious, ethnic, linguistic,
And skin-color differentiations
As obvious conditioned-reflex exploitabilities.
Special-interest sovereignity will always Attempt to monopolize and control All strategic information (intelligence), Thus to keep the divided specializing world Innocently controlled by its propaganda And dependent exclusively upon its dictum.
Youth has discovered all this
And is countering with comprehensivity and synergy. Youth will win overwhelmingly
For truth
Is eternally regenerative
In youth.
Youth's love
Embracingly integrates,
Successfully frustrates
And holds together,
Often unwittingly,
All that hate, fear, and selfishness Attempt to disintegrate.

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