

Information and Technology in The Knowledge Era

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INTRODUCTION

Prof. Harry Athanasopoulos
RAdm Hellenic Navy (ret.)

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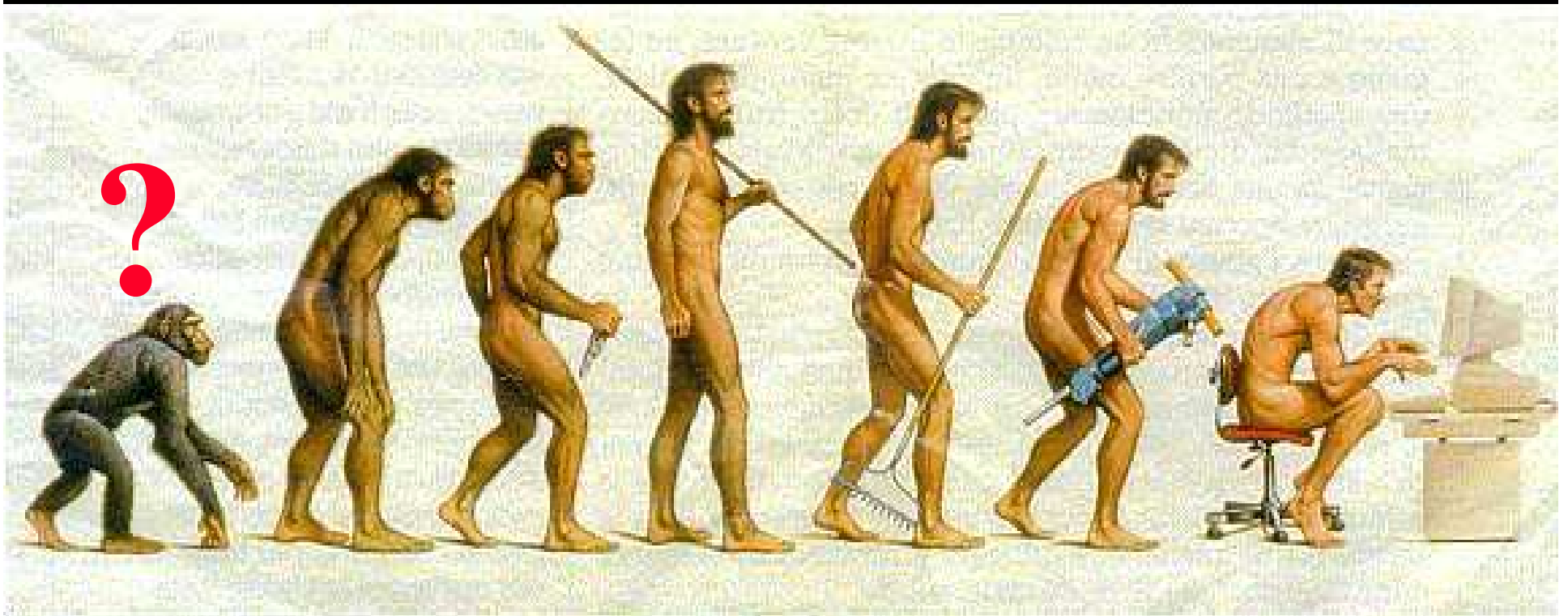
The Knowledge [R] Evolution

(or Why I Encourage You
to Ask Questions !)

SCREEN - INTENSIVE

How We Got Here

A Q&D Introduction/Background



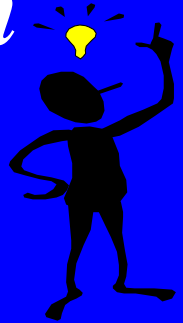
Agricultural Era
Information Era

Industrial Era
Knowledge Era

There Are (only) 3 Kinds of People:

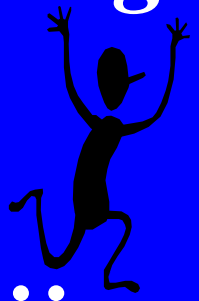
- *The ones who make things happen*

(2~3% of the planet's population)



- *The ones who follow things happening*

(7~8% of the planet's population)

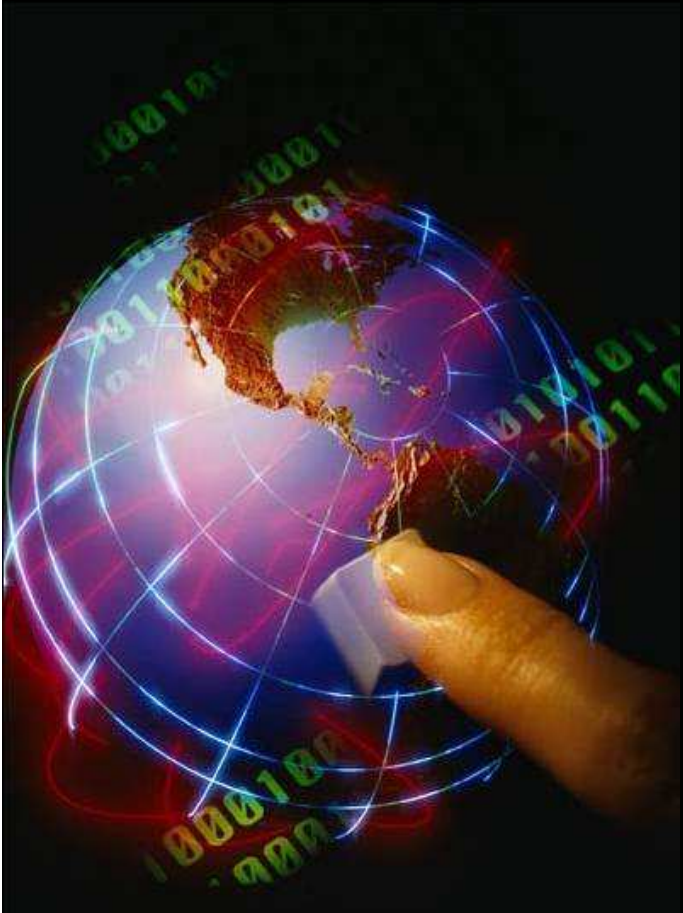


- *The ones who wonder what the h...
is happening, again?*

(~90% of the planet's population, currently ~6.5 billion people)



**Your Parents is the First-ever
Generation (Baby Boomers) that grew up
with this Fear:**



*“The whole problem with the World
is that Fools and Fanatics are
always so certain of themselves,
but Wiser people so full of Doubt.”*

Bertrand Russell

**Our current and future
environment is and will remain:**

- ✓ **Wired or mostly Wireless,**
- ✓ **Networked,**
- ✓ **On-Line,**
- ✓ **Global.**

**(You are NOT responsible for it
- You were given NO choice)**

**My own Inquiry into Knowledge
revolves around these four basic
questions:**

1. “*What is the Question?*”

**What are we really trying to accomplish
with our pursuit of Knowledge Questions?**

**Do these problems and opportunities self-
organise into a pattern of Key Questions?**

**How do different perspectives have an
impact on the Actions people take?**

2. “What are the Common Patterns of Thought that underlie our Understanding of Knowledge, Action, Learning and Complexity?”

What is the Pattern of Our Understanding, the Pattern that Connects?

What are the Knowledge Principles that appear to guide us in making sense of this apparently **Chaotic World (of shifting markets and management theories, unsatisfied greedy customers, and technological breakthroughs)?**

What **is missing from this picture?**

What do we have **yet to understand?**

3. “*What does the pattern of our understanding tell us about Our Behaviour?*”

What is the relationship between our Thinking and our Actions?

Certain themes, issues, dilemmas and questions surface over and over again in our Pursuit of Knowledge and our attempts to Adapt to Change.

Finally, I have sought to understand

4. *“How can we best use our knowledge
Capacity to reflect on Our Own Actions,
deepen our Understanding
and shift our Patterns of Thinking?”*

*How can we do this in a way that
leads to more Creative, Healthy,
Effective, and Sustainable responses
to our Environment?”*

Let's see some Basic Principles:

Today, the only thing that gives an organisation or a person a Competitive Edge - the only thing that is *sustainable* -

is what it knows,

how it uses what it knows,

and how fast it can know something new.

Let alone its capability *to*
create New Knowledge!

*"It is not possible for Power to
be exercised without
Knowledge.*

*It is impossible for Knowledge
not to engender Power."*

Michel Foucault

A shift in the Control of Knowledge results in Social and Economic Powershift as well, causing radical changes to our Operational Environment.

The Old Equation, prior to the Information Era, always was

Knowledge = Power - So hoard it!

And of course they kept it 'locked' and used it only for their own benefit!

Renewing Knowledge is the key to
Competitive Advantage.

**However, in today's organisations,
New Knowledge is not created by
Individuals, but by Teams and
Groups of people sharing their
Knowledge and Expertise
throughout the enterprise.**

**With the explosion of Knowledge
Creation - in every profession -
knowledge has a limited shelf-life and
can quickly become **obsolete!****

**And the rapid expansion of
Technological - Informational
Knowledge made the
Old Equation obsolete.**

**No one can successfully hoard
knowledge anymore!**

**Today, the New Knowledge
Equation is**

***Knowledge = Power - So share it
and it will multiply!***

**That is the Reality of the new
Knowledge Era and the new Century's
Knowledge-based Cyber-Society.**

The Knowledge Action Dynamics:

Creating

Generating

Acquiring

Combining

Sustaining

Identifying

Organising

Storing

Collecting

Representing

Analysing

Codifying

Applying

Sharing

Socialising

Communicating

Distributing

Teaching

Transferring

Disseminating

Renewing

Changing

Improving

Expanding

Deepening

Adapting

**Our questions have led us from
the Industrial Era to the
Information Era
and to the Knowledge Era,
and they will take us beyond into
Worlds we can not even Imagine!
**The Quality of these new
Worlds depends on the
*Quality of Our Questions!*****

*The more Diversity we
express in Knowledge,
the Healthier our
Society becomes.*

*We create our Future with
our everyday Thoughts,
Understanding and Action.*

*The Future is not to be Predicted,
is to be Achieved!*

Your Generation's Environment



**Social Unrest finds its readiest
Recruits**

**among people who have
never been able to find**

Beauty and Joy

**in their Jobs and in their
Environment.**

We used to assume that Humans
Thought their Way into their
Living...

Now we know that Humans
Live their Way into their Thinking!

Therefore (the Baby Boomers solution) . . .

Wire them All !



Connect them All !

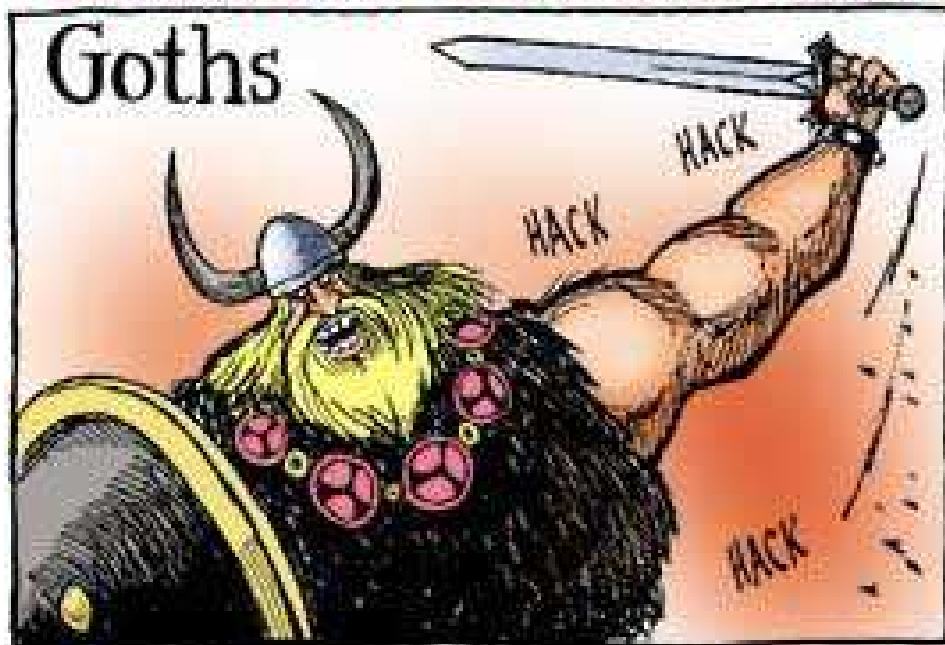




It took less than 20 years !

**It's happening all over again,
but in a very, very
different way!**

BRINGING CIVILIZATION TO ITS KNEES...



This Generation 'Knowledge Workers'

grew up with the **Internet** and with '**Networked Intelligence**'

- Natural Multi-taskers -- Don't care about Time or Timing
- Innate use of Technology to Communicate
- Global Thinkers – with friends Around the World
- Eat, sleep, work anywhere!
- Uncomfortable with Relatives and Umbrellas!
- Just-in-time Learners
- Plug-n-play Fighters
- Broad (not Deep) in knowledge
- Broadband-minded, but with very Short Attention Span!

Comfortable with Ambiguity!



GENERATION TIMELINE			
1922–1945	1946–1964	1965–1980	1981–2000
Veterans, Silent, Traditionalists	Baby Boomers	Generation X, Gen X, Xers	Generation Y, Gen Y, Millennial, Echo Boomers

**Finally, let me give you
a listing of some very
Important Changes
that project their shadow
onto your Operational
Environment
(from now on):**

Traditional Thinking vs New Thinking

Assumption

Scientific Foundation:

Time is:

We understand by:

Information is:

Growth is:

Managing means:

Workers are learning:

Motivation is from:

Knowledge is:

Organisation is:

Life thrives on:

Change is:

Traditional Thinking

Newtonian Physics

Monochronic, Linear
(one thing at a time)

Dissecting into parts

Ultimate, Knowable

Linear, Managed

Control, Predictability

Specialised, Segmented

External forces, Influence

Individual

By design

Competition

Something to worry
about !

New Thinking

Quantum Physics

Polychronic, Parallel
(many things at once)

Seeing in terms of the
Whole

Infinite and Unbound

Organic, Chaotic

Insight and Participation

Multi-faced, Always

Intrinsic Creativity

Collective, self-organised

Emergent

Cooperation

All there is!

Conscious Self-Questioning

unlocks the Genetic Code

of our own Wisdom.

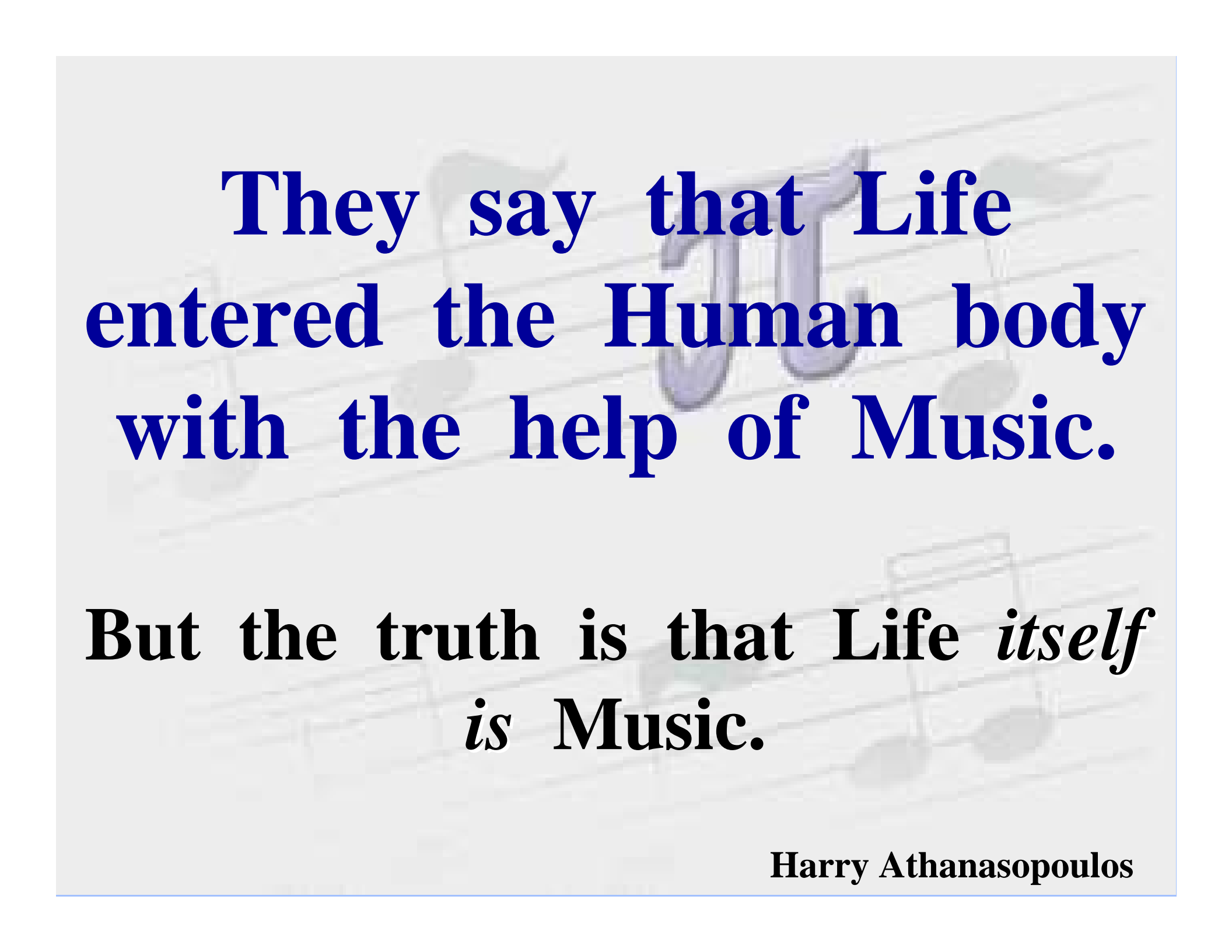
When we will allow our selves
to experience the full power of
the Questions of our Hearts,

we will move beyond the
Knowledge Era to a World
which is **Healthier** and more
Diverse, more **Cooperative** and
*yes, a little **Wiser** too!*

And now
please concentrate,

**because I owe you
some explanations**

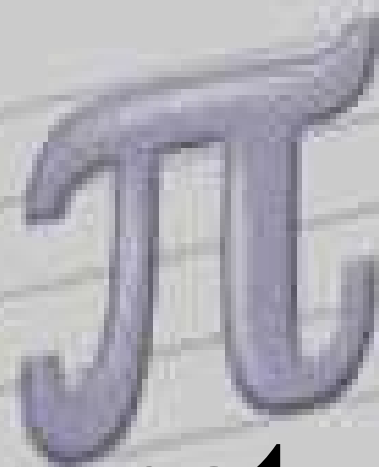
(with Lyrical Encryption) ...



**They say that Life
entered the Human body
with the help of Music.**

**But the truth is that Life *itself*
is Music.**

Harry Athanasopoulos



***Yet,* music does not produce
in the Heart "*that*",
which is not already in it!**

Harry Athanasopoulos

“Out in the Cosmos, learning means Seeing.

On Earth, it means *Remembering ...*”

Pindar (4th century BC)

**“But before anything else,
you must first face the Wilderness
and assign to it *Your Own* meaning.
For it was there before your Heart,
for it will surely follow...**

Be sure of only one thing:

**Whatever you will grasp and salvage
under the Lightning,
will for ever remain True.”**

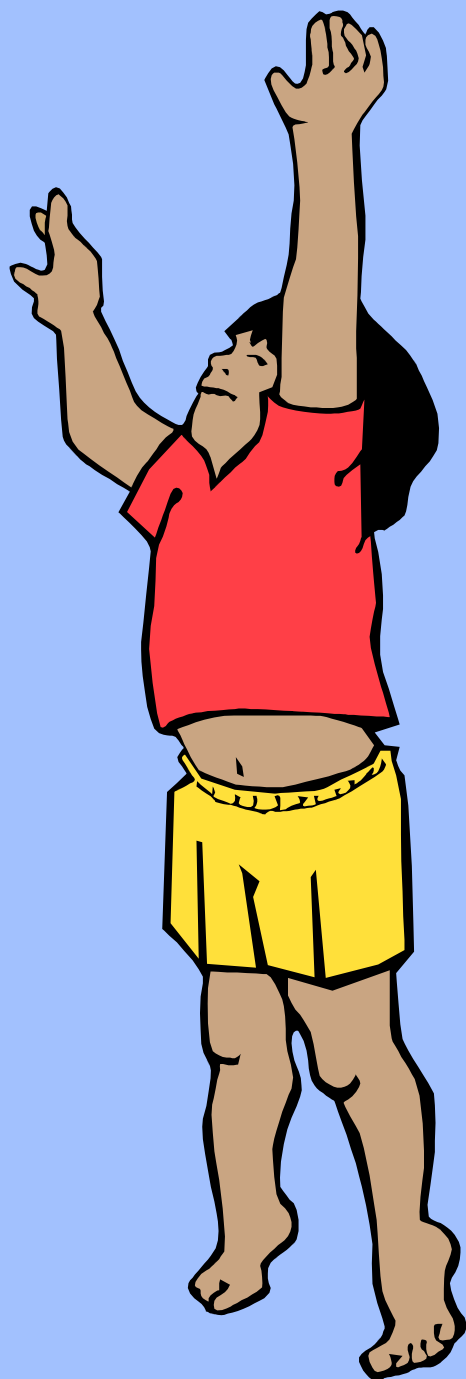
Odysseus Elytis (Nobel Prize 1979)



Once you have **Tasted**
the **Secrets of Life,**

you will have a strong desire
to **Understand** them.









"Dante's Prayer"

by Loreena McKennitt (1997)

**It contains almost everything
you should know!**

**When the dark wood
fell before me,
and All the Paths were overgrown,**

**When the Priests of Pride say
“there is no Other Way”,
I tilled the sorrows of stone.**

**I did not believe because
I could not see, though you came
to me in the night,**

**When The Dawn seemed
forever lost,
you showed me your Love
in the Light of the Stars.**

Cast your Eyes on the Ocean,

Cast your Soul to the Sea,

When the dark night seems

endless, please remember me.

**Then the mountain rose before me,
by the Deep Well of Desire,
from the Fountain of Forgiveness,
beyond the Ice and the Fire.**

**Cast your Eyes on the Ocean,
Cast your Soul to the Sea,**

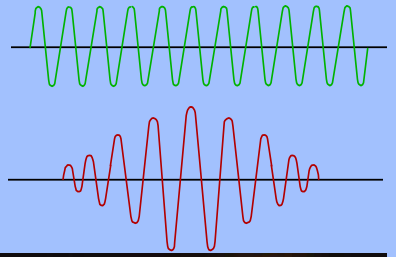
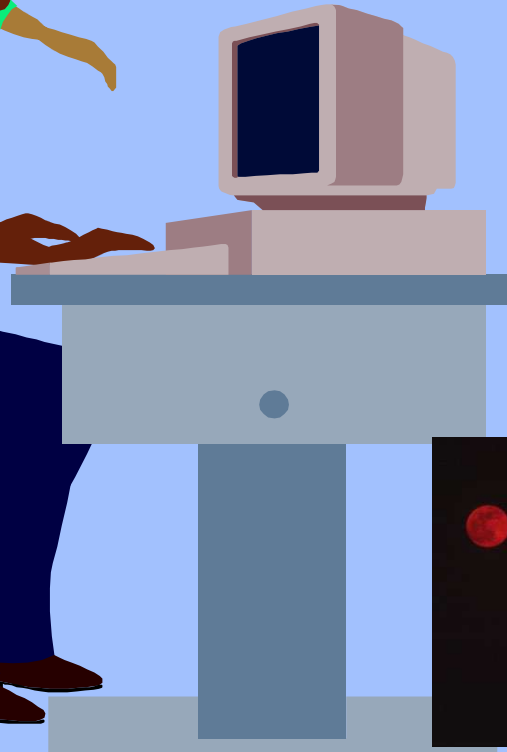
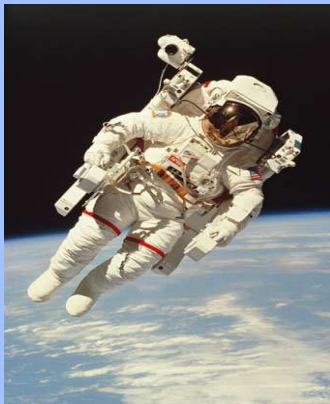
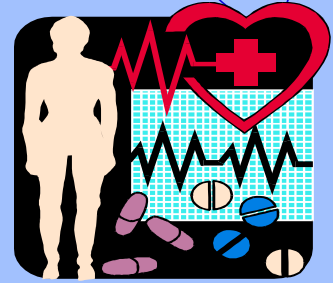
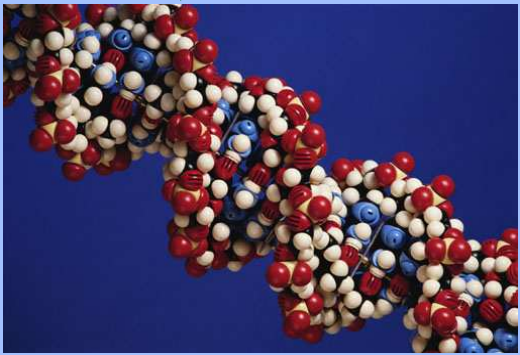
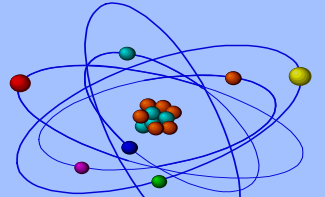
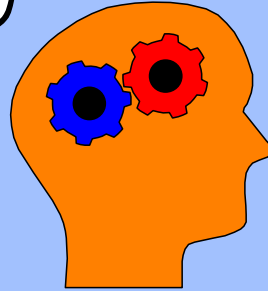
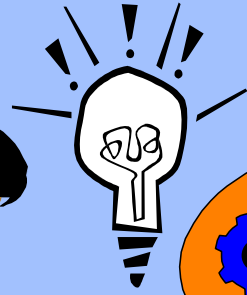
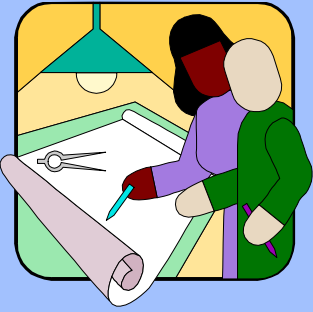
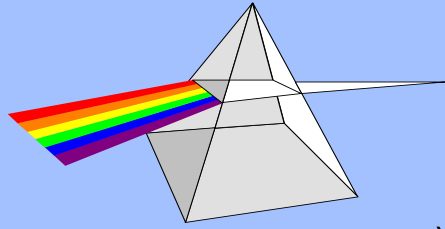
**When the dark night seems
endless,**

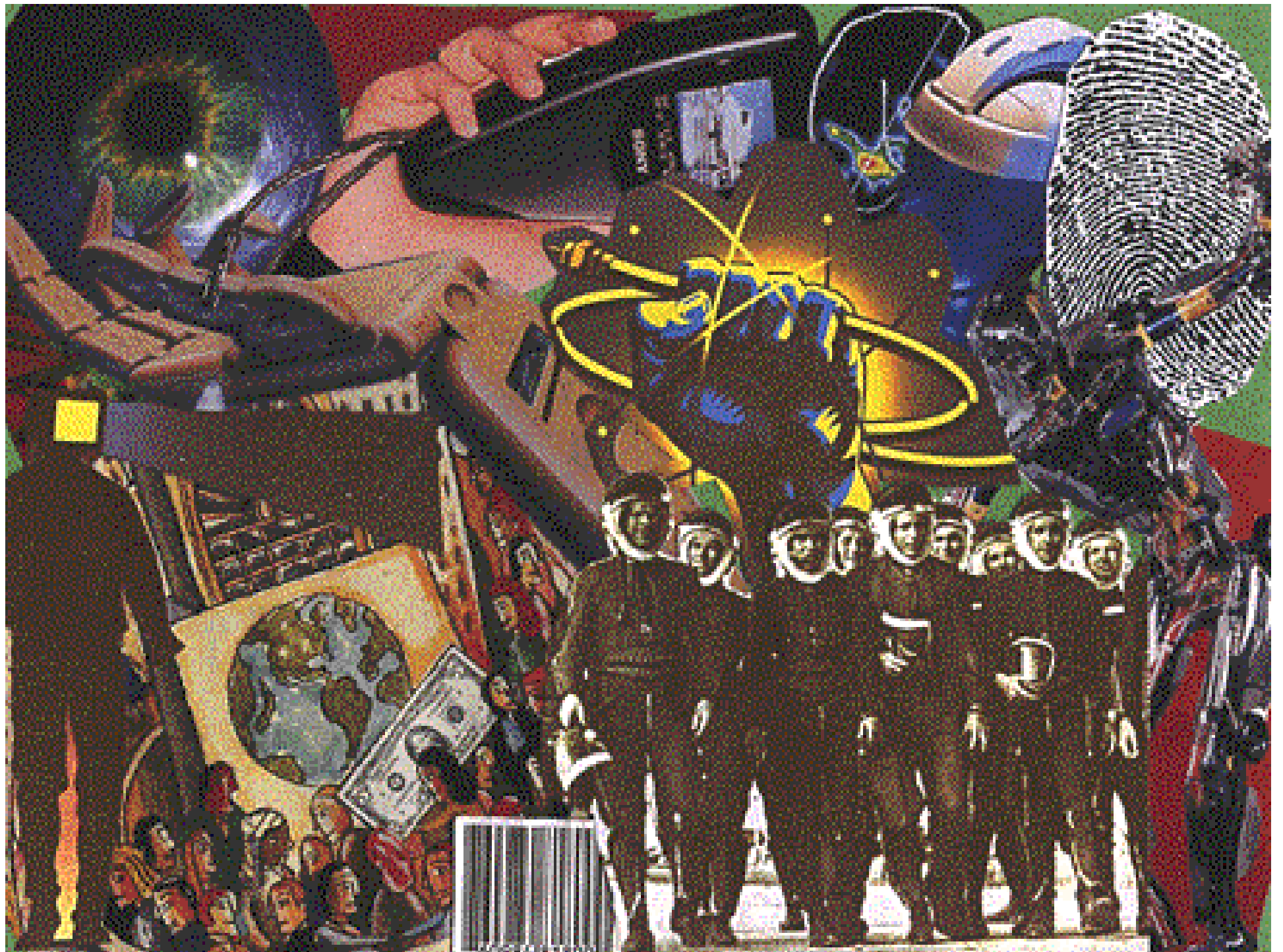
Please remember me...



**BUT there are always
at least two sides
to Everything!**

(including Knowledge)





**Though we share this humble
path, alone -**

How fragile is the Heart?

**Oh, give these Clay Feet wings to Fly,
to touch the face of the Stars.**

Breathe life into this feeble Heart,

Lift this Mortal Veil of Fear,

**Take these crumbled Hopes,
etched with tears,**

**We'll rise above these
Earthly cares...**

Cast your *Eyes* on the Ocean,

Cast your *Soul* to the Sea,

When the dark night seems endless,

Please remember me,

Please remember me,

Please remember me,

Please remember me,

Please remember me ...



Please remember me ...



Old Harry rocks – Dorset, UK

**“What we call the Beginning is often the End,
and to make an end
is to make a Beginning!**

The End is where we start from!

**We shall not cease from exploration
and the end of all of our exploring
will be to arrive where we started from,
and know the place for the First Time!”**

T. S. Eliot

In the KNOWLEDGE ERA:

- *Impossible is Temporary*
- *Impossible is an Opinion*
- *Impossible is Not an Option*

**Everything in this life
is a matter of**

A T T I T U D E !

(since we were given Free Choice !)

Your Attitude in Life

*(The four **T**s)*

What makes Life 100% ?



Let's try some basic
Pythagorean Arithmetic:

(we are **STILL** decimal
creatures...)

IF **A...Z** EQUALS 1...26, then

H+E+A+R+T+B+R+A+I+N =

8+5+1+18+20+2+18+1+9+14 = 96%

K+N+O+W+L+E+D+G+E =

11+14+15+23+12+5+4+7+5 = 96%

even **H+A+R+D+W+O+R+K =**

8+1+18+4+23+15+18+11 = 98%

BUT

A+T+T+I+T+U+D+E =

1+20+20+9+20+21+4+5 =

100%

And please remember:

***ATTITUDE** is a 3-**T** word...*



Thoughtful

Truthful

Tactful



Welcome to the 21st Cyber-Century



**There is no such thing as
*GOOD LUCK ...***

There is **ONLY
*Good Preparation!***

Harry Athanasopoulos

**Information and Technology
are The Preparation Tools
for Your**

**Weird Wired World (www)
in the**

KNOWLEDGE ERA

(The Age of Networked Intelligence!)

*To know that we know
what we know,*

*and to know that we don't know
what we don't know*

- this is True Knowledge!

*From now on,
Ignorance and
Indifference
are Deadly Sins !*

THANK YOU

for your attention

(Any Questions?)

**And now let's see
Your Work,
the Floor is Yours!**

***“Work fascinates me!
I could sit and watch it
for hours ...”***

Anonymous