

What will Happen in the Future of Human Society ?

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First Question

Can We Predict
the Future ?

The Answer is

No

Because

“A small fluctuation
will change
drastically the future of
the evolution of a system.”

Ilya Prigogine

In Other Words

Butterfly Effect

Chaos Theory

A small butterfly
in Beijing
would cause
a huge hurricane
in New York.

So

We
Cannot
Predict the Future.

But

We

Can

Foresee the Future.

In Other Words

We
Cannot
Predict Events.

We
Can
Foresee Trends
and
Paradigm Changes.

In What Way ?

By Philosophy

Dialectic Philosophy

by
Georg Hegel

by
Existentialism
of
Jean Paul Sartre

by
Zen Buddhism

by
Taoism

What is Dialectic ?

Five Laws of Dialectic

Law of Spiral Up Process

Law of Mutual Infiltration Process

Law of Double Denial Process

Law of Quantity to Quality Process

Law of Sublation of Contradiction

What is
the Most Important
Law
to Foresee the Future ?

Law of Spiral Up Process

What is the Law of Spiral Up Process ?

Development of the World
is like
Climbing Up
A Spiral Staircase.

Another Expression

“Old Thing”
Once Disappeared
will Revive
with “New Value”

Where are Examples ?

Many Examples
in
The Internet Revolution
and
The Web2.0 Revolution

Example

Auction and Reverse Auction

What is “New Value” ?

In the Past
For Hundreds of People

At Present
For Millions of People

Another Example

E mail

Revival of “Letter”

Another Example

E Learning

Revival of “Tutorial System”

What is
the Second Important
Law
to Foresee the Future ?

Law of Mutual Infiltration Process

What is the Law of Mutual Infiltration Process ?

Two Opposite Principles
in Competition
will Fuse into
A New Principle.

Where are Examples ?

Policy of
Labour
and
Conservative

Another Example

Principle of Socialism and Capitalism

Example of the Internet

Role of
Producer
and
Consumer

Example of the Internet

“Prosumer Development”
on the Web

by
Alvin Toffler

Important Question

Why Dialectic
Now ?

Dialectic Law
has been
Happening
in the Past History.

Because of

Dog Year (7times faster)

Mouse Year (18times faster)

Acceleration of
Change

In the Past

We could
Climb Up
A Spiral Staircase
Just for a Few Steps
in Our Lifetime.

But Now

We are
Running Up
A Spiral Staircase.

In the Past

Spiral Up Process
was An Interest
only for
Historian.

But Now

Spiral Up Process
is An Interest
even for
Businessperson.

Then

What Paradigm Changes
can be foreseen
by
Dialectic ?

Eight

Paradigm Changes

First Paradigm Change

What will Happen to
Economy ?

Paradigm Change

Monetary Economy
to
Voluntary Economy

Spiral Up Process of Economy

Old Voluntary Economy
will Revive
with “New Value”.

What is Voluntary Economy ?

An Economy
driven by
the Motivation of People
to “Satisfy Mind”

What is Monetary Economy ?

An Economy
driven by
the Motivation of People
to “Acquire Money”

Example of the Internet Revolution

Linux Project

by

Linus Torvalds

Example of the Web2.0 Revolution

Customer Generate Contents

Knowledge of Q&A Community

Grassroots Critics of Amazon

Grassroots Movies of You Tube

What is “New Value” ?

Local Community
to
Global Community

What is “New Value” ?

Invisible Economy
to
Visible Economy

What will Happen
after
the Revival of
Voluntary Economy ?

Mutual Infiltration

In Other Words

Merger of Monetary Economy and Voluntary Economy

Example

Google, Amazon, You Tube

Fusion of
Profitable Business Model
and
Consumer Generated Contents

What will Happen Next ?

Emergence of New Economic Principle

Second Paradigm Change

What will Happen to
Innovation ?

Paradigm Change

Beneficiary Innovation
to
Participatory Innovation

What is Beneficiary Innovation ?

Innovation
Promoted by
Governments and Large Companies
for
Grassroots Consumers
as Beneficiary

What is Participatory Innovation ?

Innovation
Promoted by
the Participation of
Grassroots Consumer

Example

Innovation of Social Systems by Open Source Policy Making

Examples

Innovation of Products and Services by Pro-sumer Development

Why does the Paradigm Change Happen ?

Revival of
the Way of Innovation
in
Primitive Community

Third Paradigm Change

What will Happen to
Democracy ?

Paradigm Change

Indirect Democracy
to
Neo Direct Democracy

What is Neo Direct Democracy

“Direct Democracy”
in True Meaning

What is Democracy ?

Democracy
is not only
the Problem of
“Participation to Decision Making”

What is Democracy ?

Democracy
is but also
the Problem of
“Participation to Innovative Action”

What is Democracy ?

Democracy
is not only
the Problem of
“Politics”

What is Democracy ?

Democracy
is but also
the Problem of
“Economy” and “Culture”

Until Now

Economy and Culture
have been
Indirect Democracy.

Until Now

Companies
have been
Representatives of Consumers
by using
Market Research.

From Now

Consumers
will be able to
Design, Produce and Use
what they want.

In Other Words

What you Desire
is
What you Get.

Spiral Up Process of Democracy

Fourth Paradigm Change

What will Happen to
Organization ?

Paradigm Change

Profit Organization v.s. NPO
to
Social Enterprise

What will Happen to Organization ?

Mutual Infiltration
of
Profit Organization
and
Non-profit Organization

Example

Corporate Social Responsibility (CSR)

Movement from
Profit Organization to
Non-profit Organization

Example

Social Entrepreneur

Movement from
Non -profit Organization to
Profit Organization

What will Happen after Infiltration ?

Social Enterprise

To Contribute to Society
through Main Business

To Create a Cash Flow
for Sustainable Contribution

Fifth Paradigm Change

What will Happen to
Talent ?

Paradigm Change

Single Talent Professional
to
Multi Talent Professional

What will Happen to Talent ?

Web2.0 Revolution
will make
People
Rather Easy
to become
A Professional.

What will Happen to Society ?

“Da Vinci Society”

Multi Talents Flowers in People
like
Leonard Da Vinci

Example

Sales Manager in a Company
Member of Pro-sumer Community
Social Entrepreneur for Ecology
Music Composer on the Web
Series of Essay on the Blog
Short Movies to You Tube

Sixth Paradigm Change

What will Happen to
Personality ?

Paradigm Change

Single Personality Life
to
Multi Personality Life

What will Happen to Personality ?

Web2.0 Revolution
will Enable
People
to Express Themselves
in Many Ways.

Why is
Expressing Oneself
so Important ?

Expressing Oneself
is
A Healing

Why is that a Healing ?

We
Always Choose
a “Persona”
to Adopt Oneself
to the Circumstances

There are
Many Personalities
Deep Inside
of Us

But
We Always
Repress Most of Them
to Avoid
Confusion in Daily Life.

How Can We
Express
Hidden Oneself ?

Three Ways

Anonymous Message
Playing a Person in Drama
Non Language Expression

What is
the Meaning of
Web2.0 Revolution
in this Context ?

Seventh Paradigm Change

What will Happen to
World View ?

Paradigm Change

Mechanical System Paradigm
to
Living System Paradigm

What is Mechanical System Paradigm ?

A tendency to think
that
the world is like
a huge mechanical system
and
we can design and manipulate it freely.

Examples

Typical Wording

Re-engineering of Company

Re-structuring of System

Blue Print of Society

What is Living System Paradigm ?

The way of thinking
that
the world is like
a great living system
which
we cannot design and manipulate
intentionally.

Why
does this
Paradigm Change
Happen ?

Because of
Internet Revolution
and
Web2.0 Revolution?

The Revolutions
make
Corporations, Markets
and Society

more
“Inter-related”.

Then

Systems of
Corporations, Markets
and Society
will evolve into

“Complex Systems” .

What is Complex System ?

A System
Characterized by
Coherence, Self Organization
Emergence, Co-evolution
Ecosystem
Butterfly Effect etc.

What is the Essence of Complex System ?

Living System

The Insight of Gregory Bateson

Complex System
Seems to behave
as a
“Living System”.

Internet Revolution
and
Web2.0 Revolution
will naturally
Require Us

to Change
the Paradigm
from
Mechanical System Paradigm
to
Living System Paradigm

Because

Corporations, Markets
and
Society
will Become
Living Systems.

And Because

There will be Created
A Huge
Ecosystem of Minds.

Example

Key Words
In Web2.0 Revolution

Wisdom of Crowds
Collective Intelligence

What is Next ?

Collective Intelligence to Collective Consciousness

Collective Consciousness
to
Collective Sub-consciousness
(Carl Gustav Jung)

The Insight of Gregory Bateson

Ecology of Mind

Why is
Living System Paradigm
So Important
Now ?

All of **Global Problems**
including Global Warming
are
the Problems
of **Complex Systems**.

Eighth Paradigm Change

What will Happen to
Civilization ?

Important Question

How to Cope with
the Complex Systems
as
“Living Systems”

Seven Problems of Complex Systems

Impossibility of Analysis
Impossibility of Prediction
Impossibility of Division
Impossibility of Control
Sensitivity to Small Information
Sensitivity to Fluctuation
Frequent Change of Law

Seven Pillars of Wisdom for Complex Systems

Not to **Analyze**, But to Use **Intuition and Insight**.

Not to **Predict** the Future, But to **Create** it.

Not to **Divide**, But to Treat as a **Whole**.

Not to **Control**, But to Promote **Emergence**.

Not only **Share Information**, But also **Create Coherence**.

Not to Use **Large Power**, But to Use **Butterfly Effect**.

Not to **Learn Law**, But to **Change Law**.

Where is
the Wisdom
to Cope with
Complex systems
as
Living System ?

In Old Community
and
in Old Society
of Each Country

Spiral Up Process of Civilization

Revival of Old Value System and Old Civilization

Then

What is the
Mutual Filtration Process
of
Civilization ?

Eastern Civilization and Western Civilization

The History of Humankind
is
Climbing Up
A Spiral Staircase.