

*Leadership & Innovation:
Using Quantum Thinking to
Meet Corporate Challenges*

*Charlotte Shelton, EdD
Author, Quantum Leaps:
7 Skills for Workplace ReCreation*

Quantum Leaps

“We cannot step into the same river twice, because rivers are constantly changing.”

Greek Philosopher, Heraclitus

Quantum Leaps

Based on the rate at which knowledge is growing, it is expected that by the time today's child reaches 5 years of age, 97 percent of everything known in the world will have been discovered since that child's birth.

Quantum Leaps

Corporate managers & entrepreneurs know that they must innovate or their organizations will quickly become obsolete.

Quantum Leaps

“Wealth in the new regime flows directly from innovation, not optimization; that is, wealth is not gained by perfecting the known, but by imperfectly seizing the unknown.”

Kevin Kelly, New Rules for the New Economy

Quantum Leaps

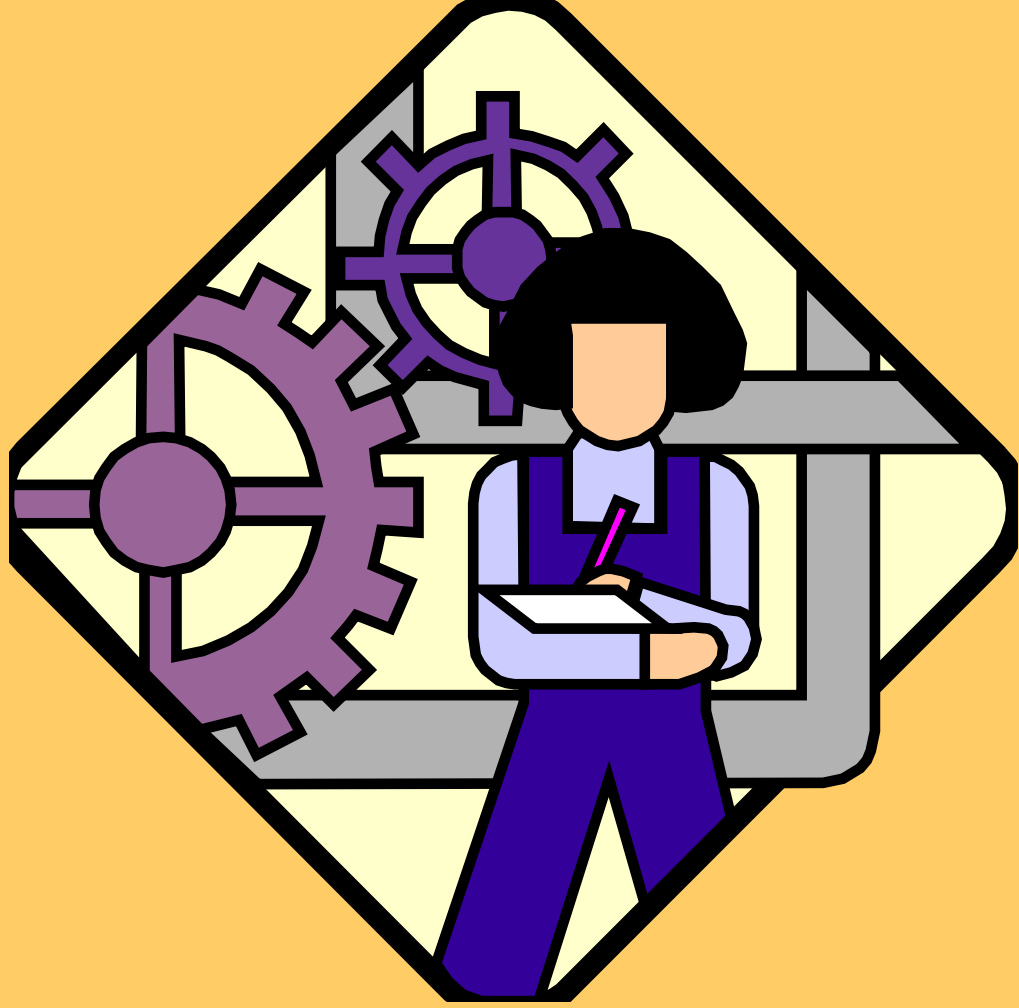
“In three years, every product my company makes will be obsolete. The only question is whether we’ll make them obsolete or somebody else will.”

Bill Gates, Business at the Speed of Thought

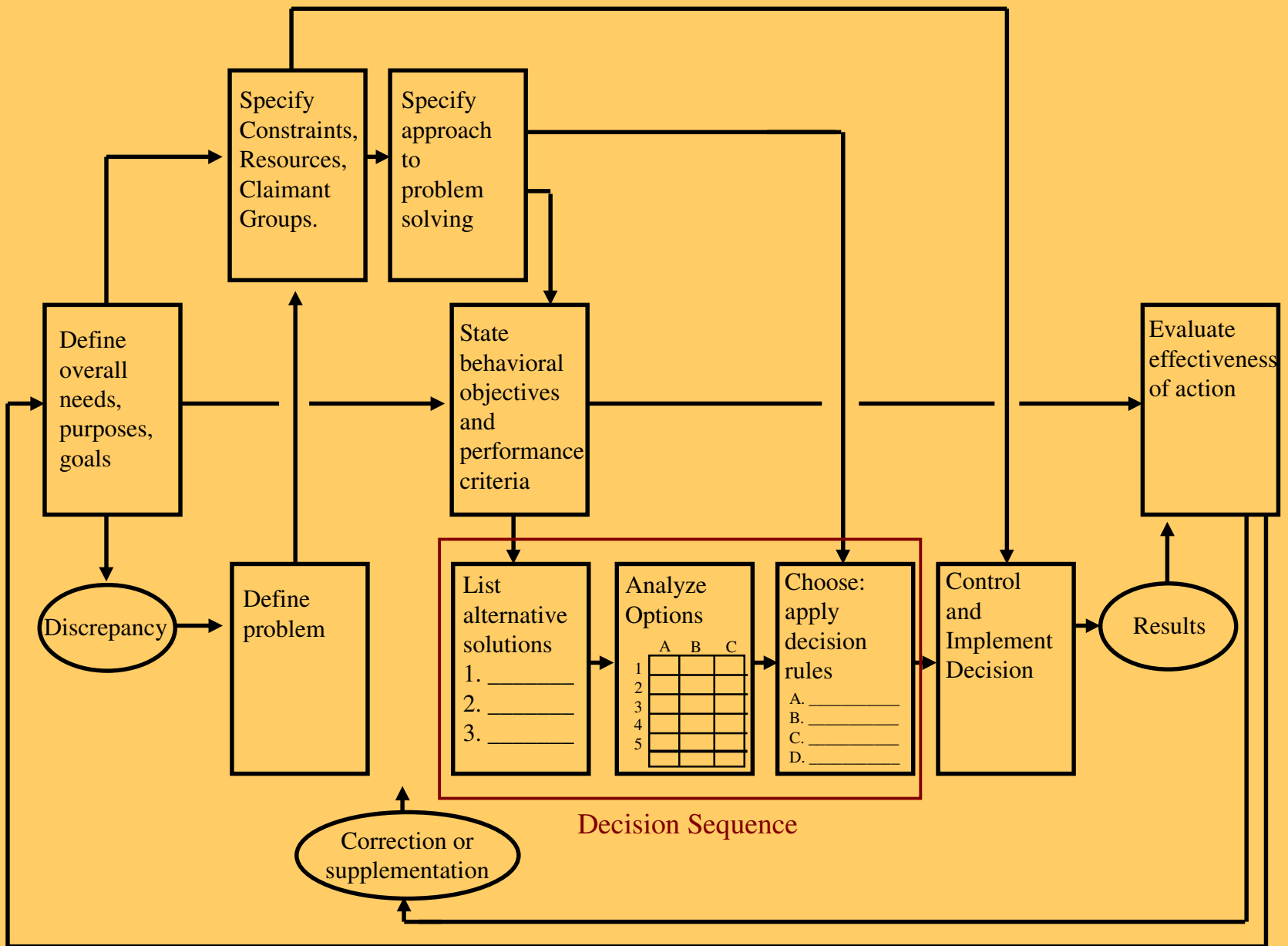
Newtonian Skills

- Planning
- Organizing
- Directing
- Controlling

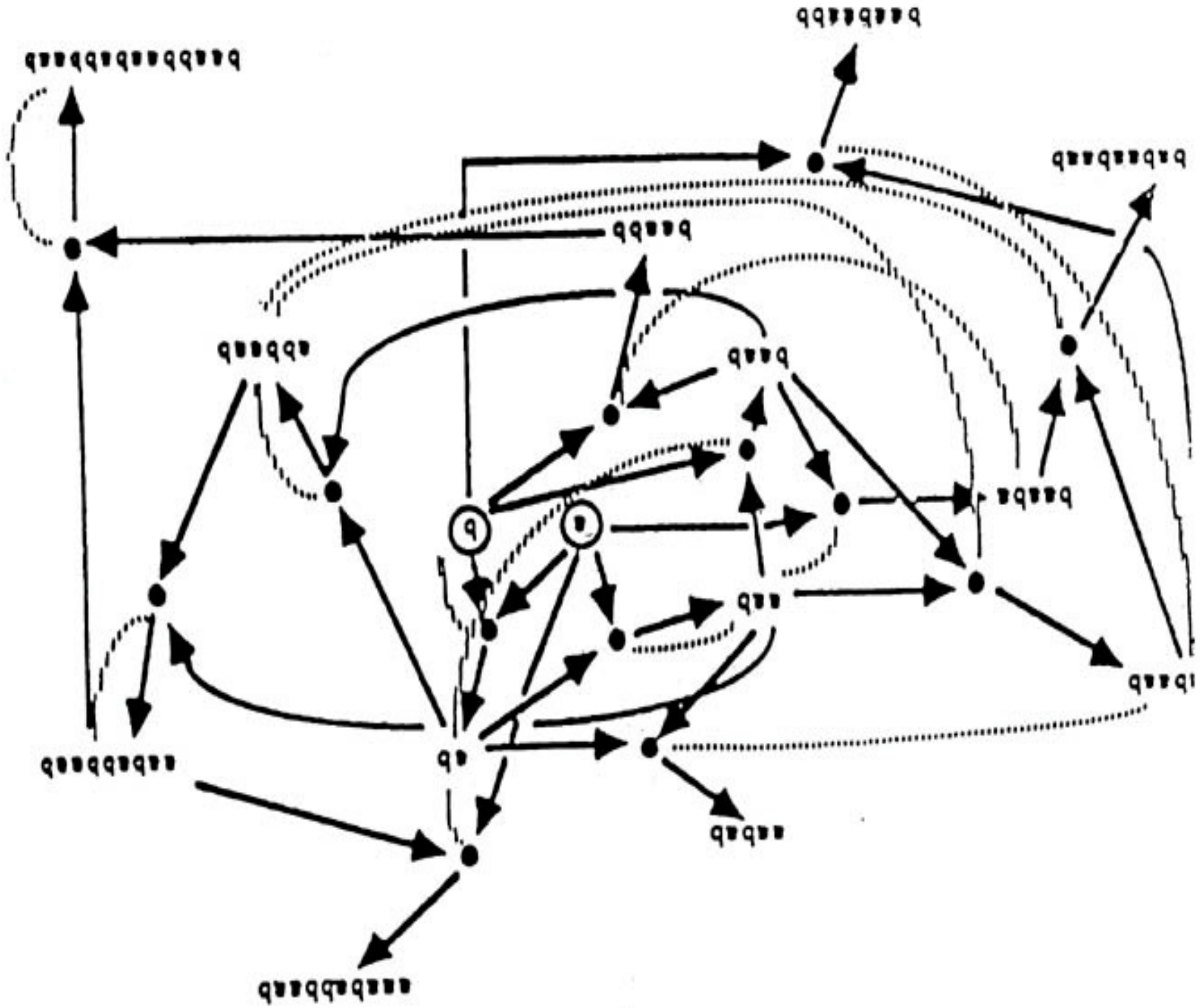
Quantum Leaps



Quantum Leaps

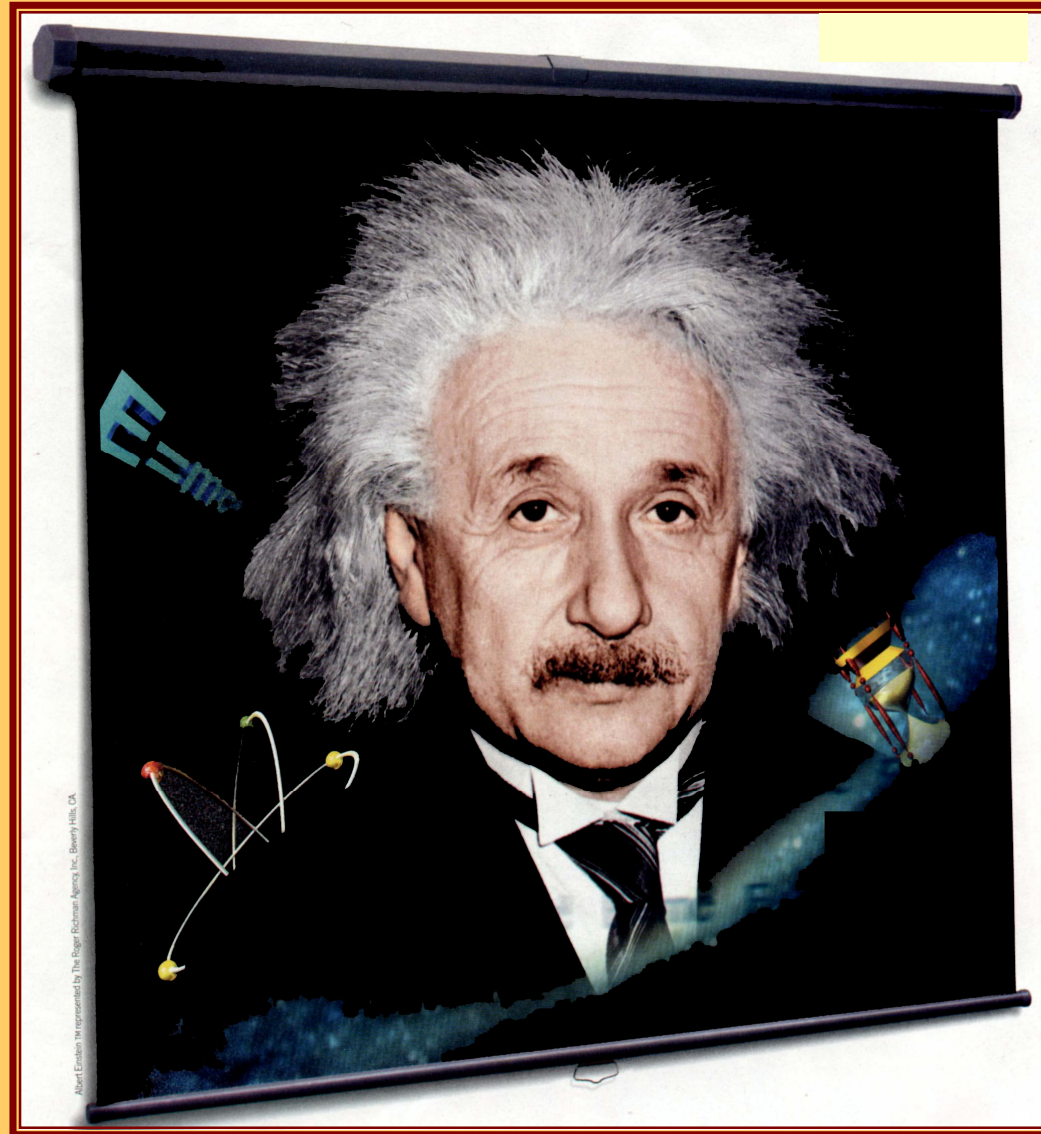


Quantum Leaps



Quantum Leaps

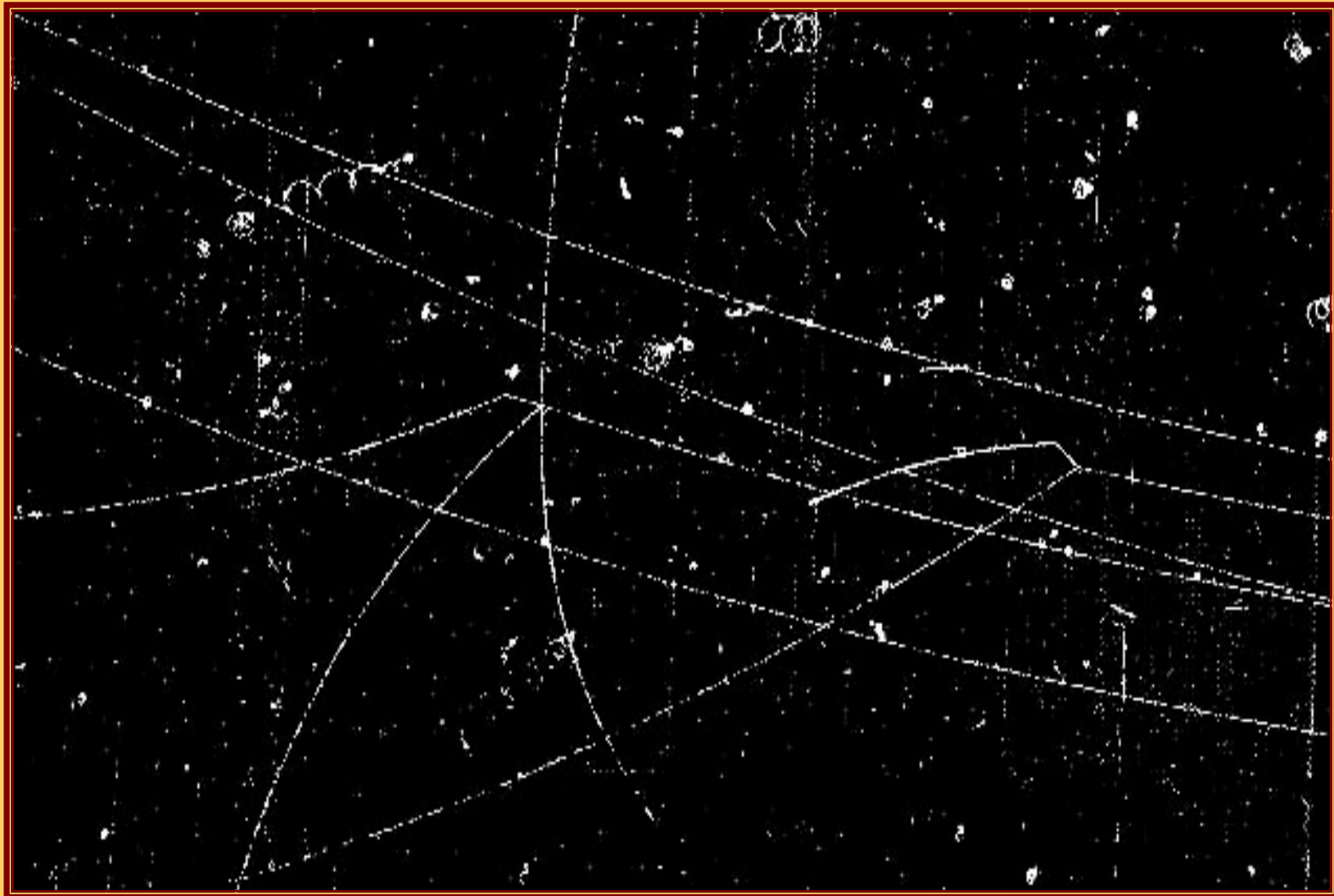
Albert Einstein



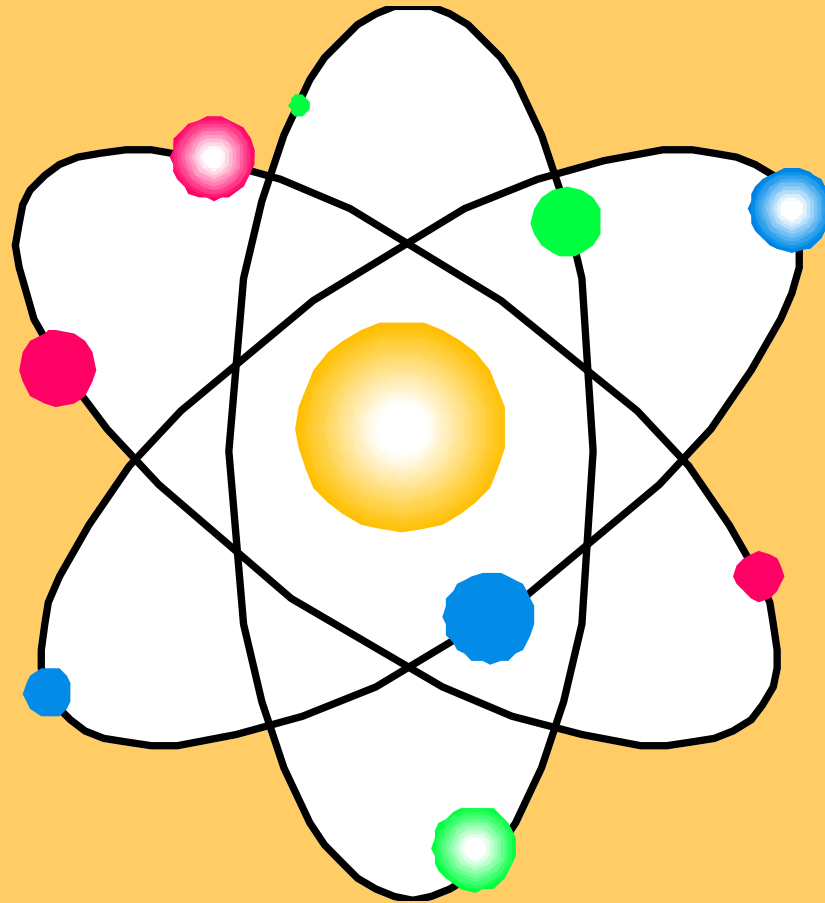
The Cosmic Realm



The Subatomic Realm



Quantum Mechanics



Quantum Mechanics

- Quantum = a quantity of something
- Mechanics = the study of motion

Quantum Leaps

The Quantum Age

Nuclear Power

Laser Surgery

Bar Code Readers

Computers

CD Players

The Quantum Skills

Quantum Seeing: The ability to **see** intentionally

Quantum Thinking: The ability to **think** paradoxically

Quantum Feeling: The ability to **feel** vitally alive

Quantum Knowing: The ability to **know** intuitively

Quantum Acting: The ability to **act** responsibly

Quantum Trusting: The ability to **trust** life

Quantum Being: The ability to **be** in relationship

Quantum Leaps

“The problem is never how to get new, innovative thoughts into your mind, but how to get the old ones out.”

Dee Hock, Founder of the Visa credit card

The Quantum Skills

Quantum Seeing: The ability to **see** intentionally

Quantum Leaps

*Reality is
SUBJECTIVE, not
objective.*

Perceptual Choice Points

1. Selection
2. Organization
3. Interpretation

Perceptual Constancy

Quantum Leaps

80 / 20
Rule

Quantum Leaps

Intention
Focuses
Attention

“REALITY IS WHAT WE TAKE TO BE TRUE. WHAT WE TAKE TO BE TRUE IS WHAT WE BELIEVE. WHAT WE BELIEVE IS BASED ON OUR PERCEPTIONS. WHAT WE PERCEIVE DEPENDS ON WHAT WE LOOK FOR. WHAT WE LOOK FOR DEPENDS ON WHAT WE THINK. WHAT WE THINK DEPENDS ON WHAT WE PERCEIVE. WHAT WE PERCEIVE DETERMINES WHAT WE BELIEVE. WHAT WE BELIEVE DETERMINES WHAT WE TAKE TO BE TRUE. WHAT WE TAKE TO BE TRUE IS OUR REALITY.”

GARY ZUKAV

Quantum Seeing

Corporate Examples

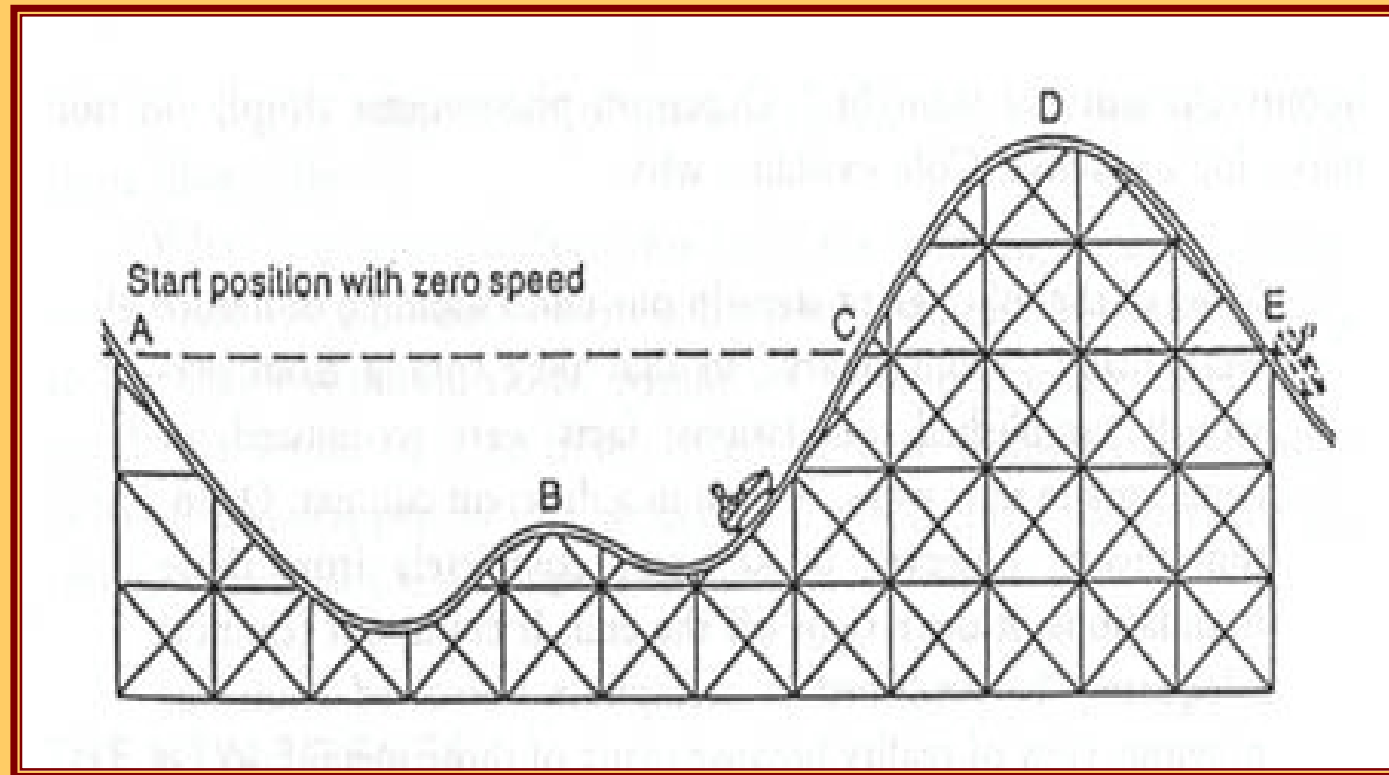
The Quantum Skills

Quantum Seeing: The ability to **see** intentionally

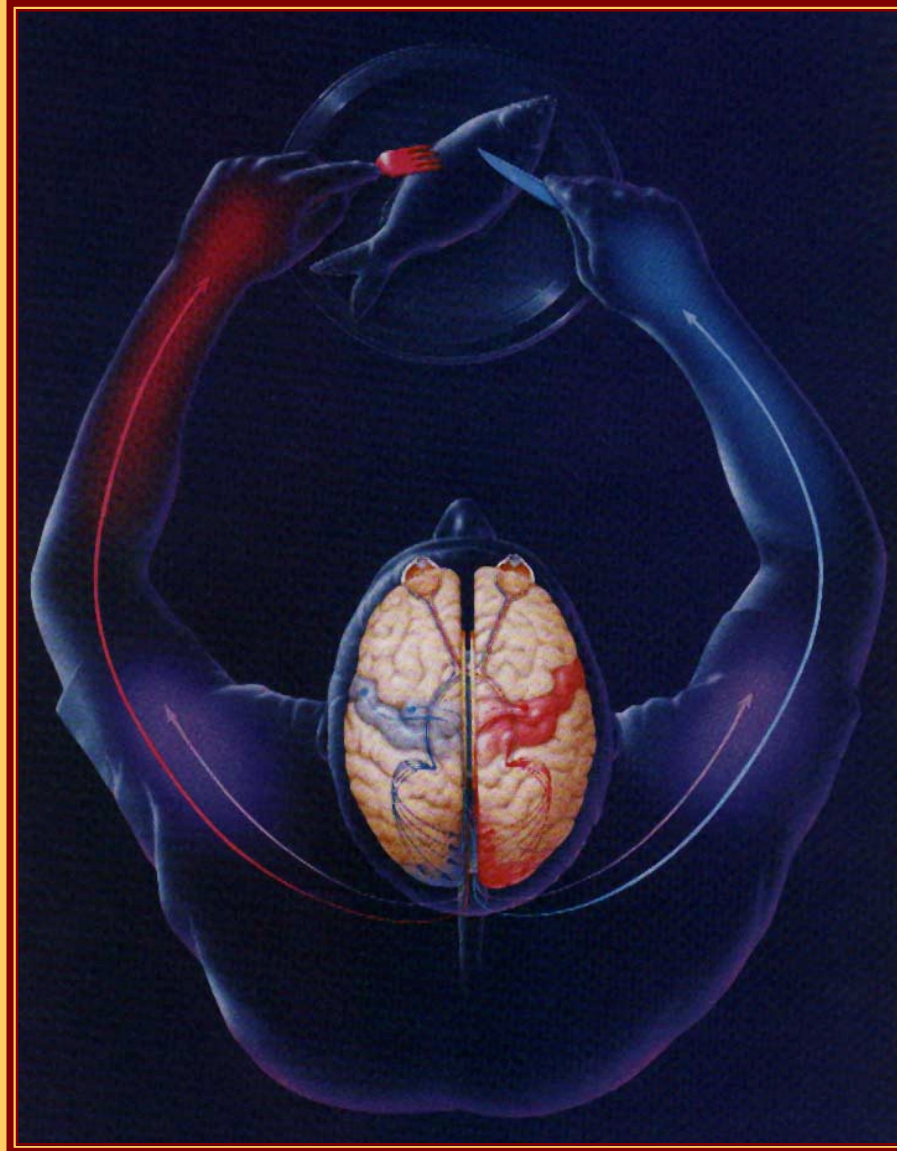
Quantum Thinking: The ability to **think** paradoxically

Uncertainty Principle

Quantum Tunneling



The Split Brain



Paradoxical Questions

- How can we improve speed and reduce errors?
- How can we balance responsibility to stockholders, employees, clients, and the environment?
- How can we improve quality while reducing cost?
- How can we release control and retain accountability?
- How can we hit short-term targets and maintain long-term focus?

Quantum Thinking

Corporate Examples

The Quantum Skills

Quantum Seeing: The ability to **see** intentionally

Quantum Thinking: The ability to **think** paradoxically

Quantum Feeling: The ability to **feel** vitally alive

Low Vitality Indicators

- 7 out of 10 workers believe that stress affects their productivity
- Anti-depressants are the most frequently prescribed medication
- 1 in every 4 workers equate the workplace with a prison

Quantum Leaps

$$E = mc^2$$

Quantum Leaps



Entrainment

Quantum Feeling

Corporate Examples

The Quantum Skills

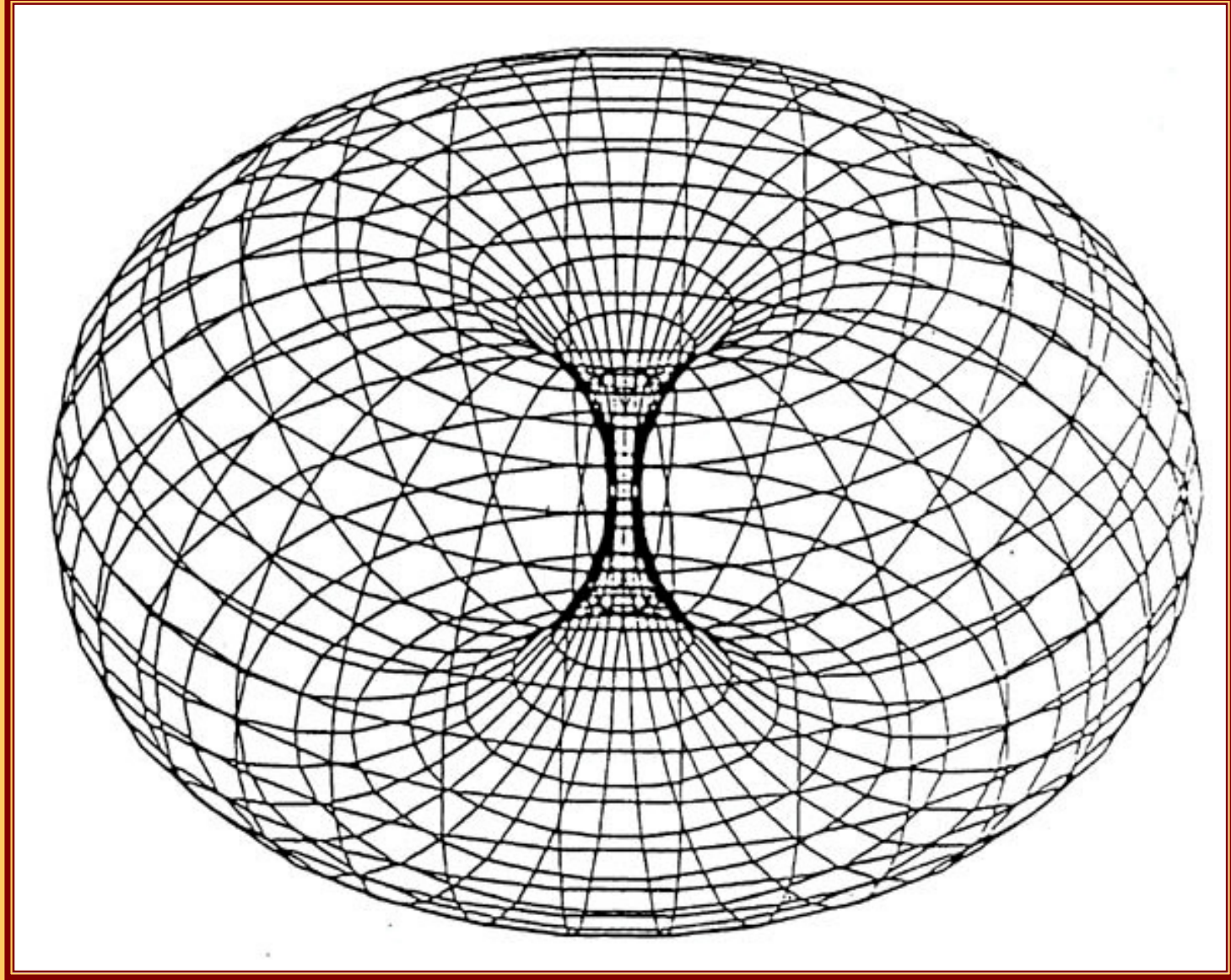
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Quantum Leaps



Quantum Leaps



Quantum Leaps



Quantum Leaps

The universe begins to look more like a great thought than a great machine.

Sir James Jeans

Quantum Knowing
Corporate Examples

The Quantum Skills

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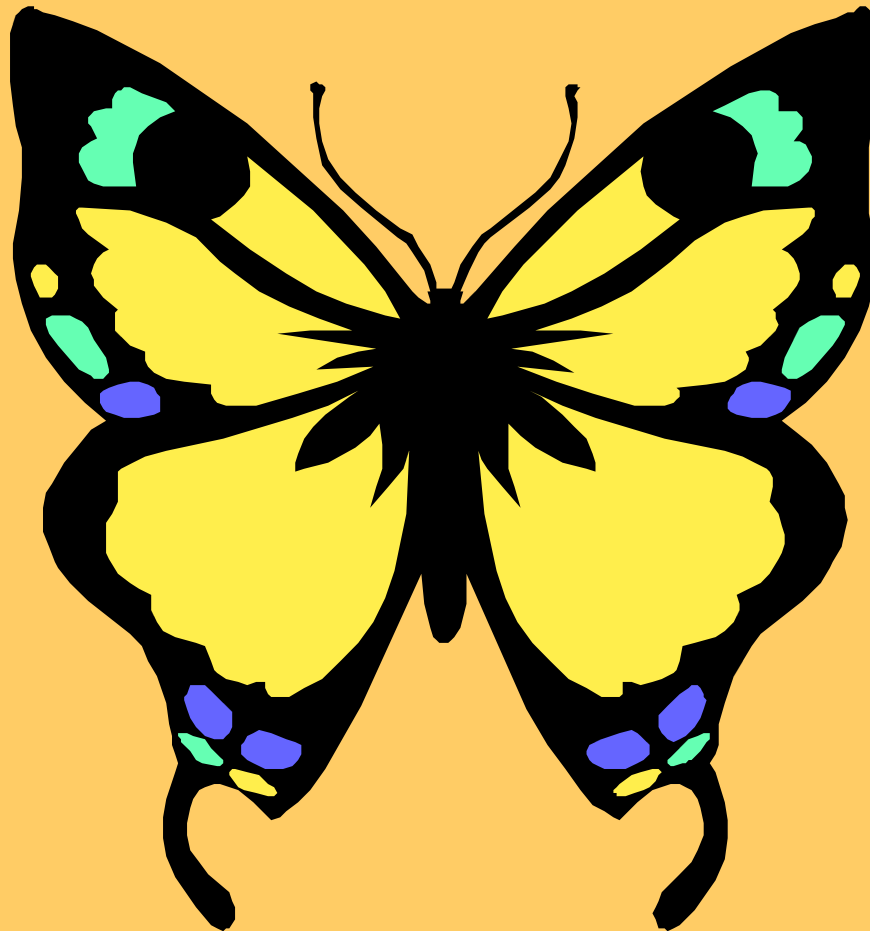
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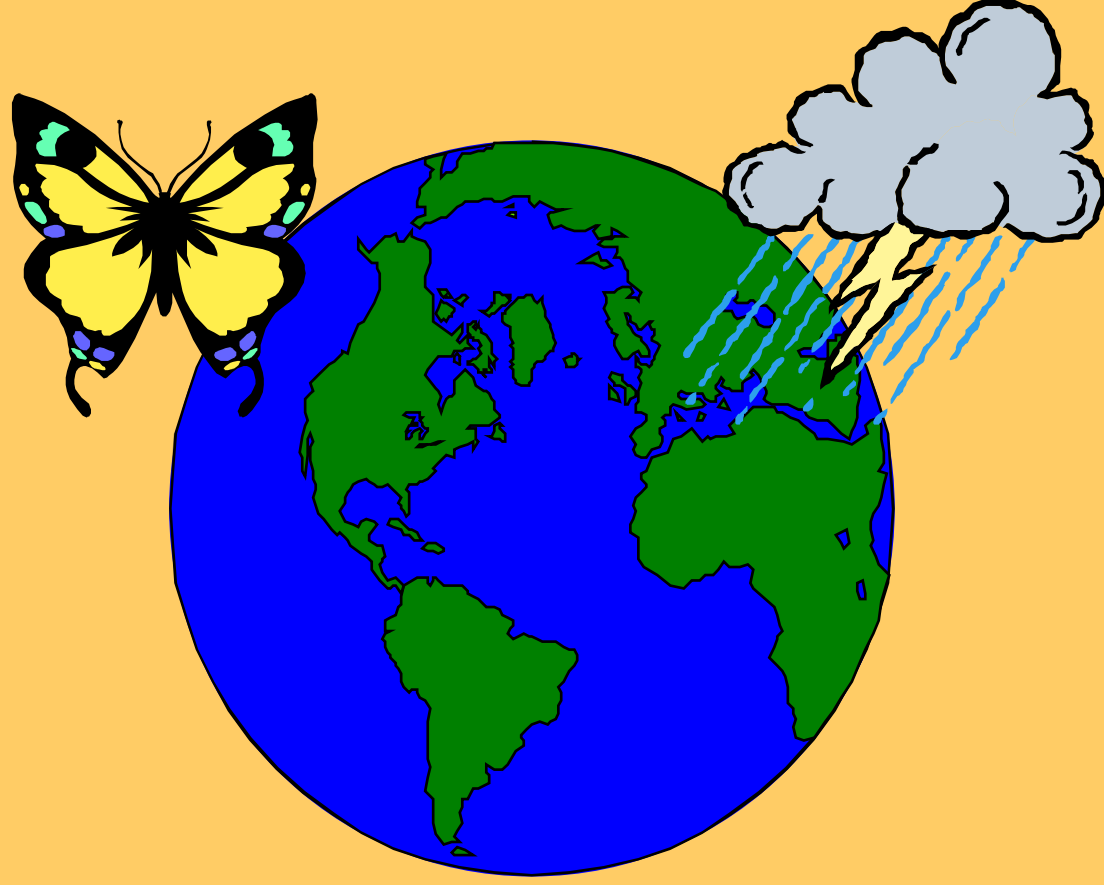
Quantum Acting: The ability to **act** responsibly

Principal of Nonseparability

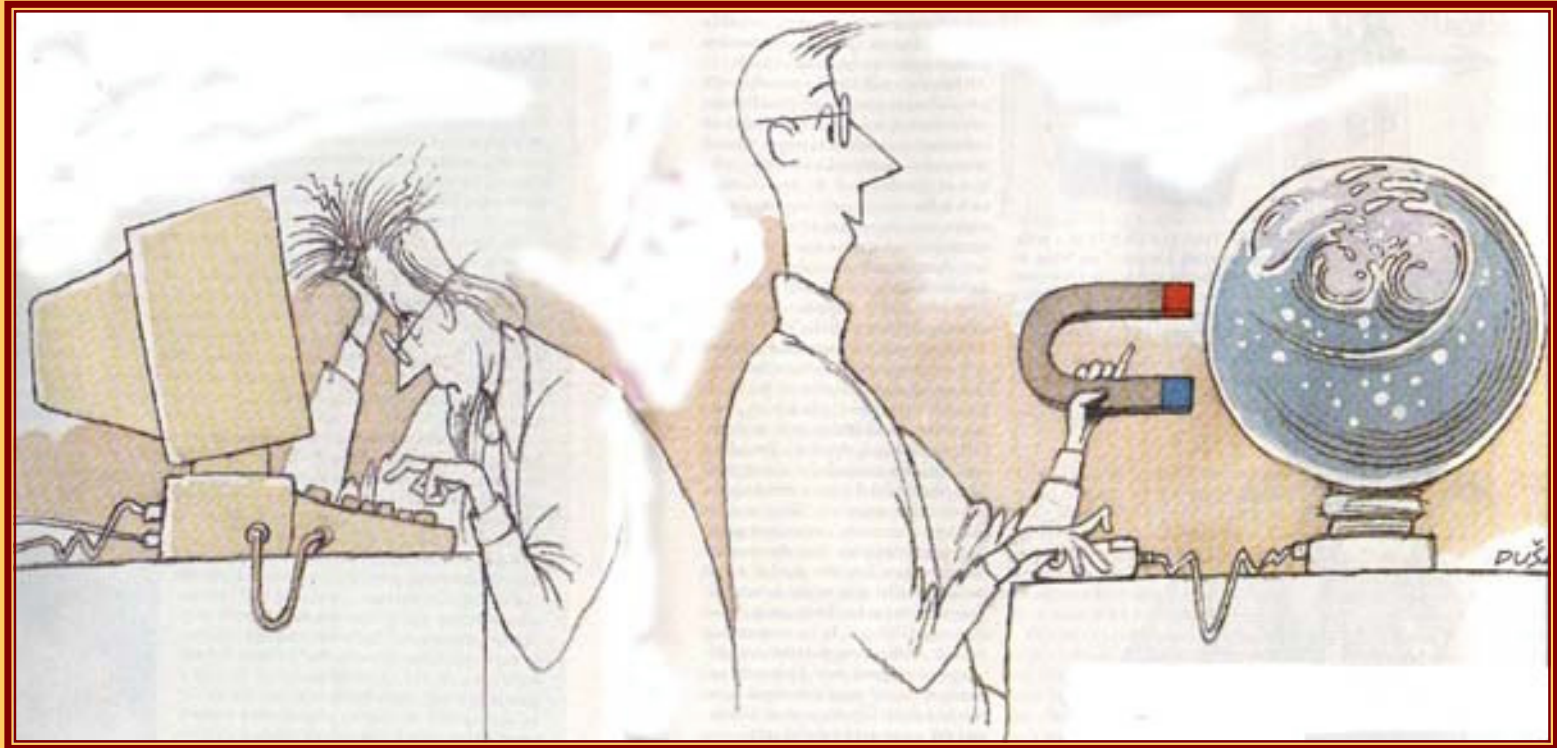
The Butterfly Effect



Quantum Leaps



Quantum Computers



Quantum Leaps



Quantum Acting

Corporate Examples

The Quantum Skills

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Quantum Trusting: The ability to **trust** life

Passive
vs.
Active Chaos

Strange Attractors



Quantum Trusting

Corporate Examples

Open Space

1. Whoever comes is the right person.
2. Whatever happens is the only thing that could have.
3. Whenever it starts is the right time.
4. When it's over, it's over.

The Quantum Skills

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The Particle Zoo

Kaons

Electrons

Mesons

Leptons

Protons

Quarks

Bosons

Neutrinos

Neurons

Fermions

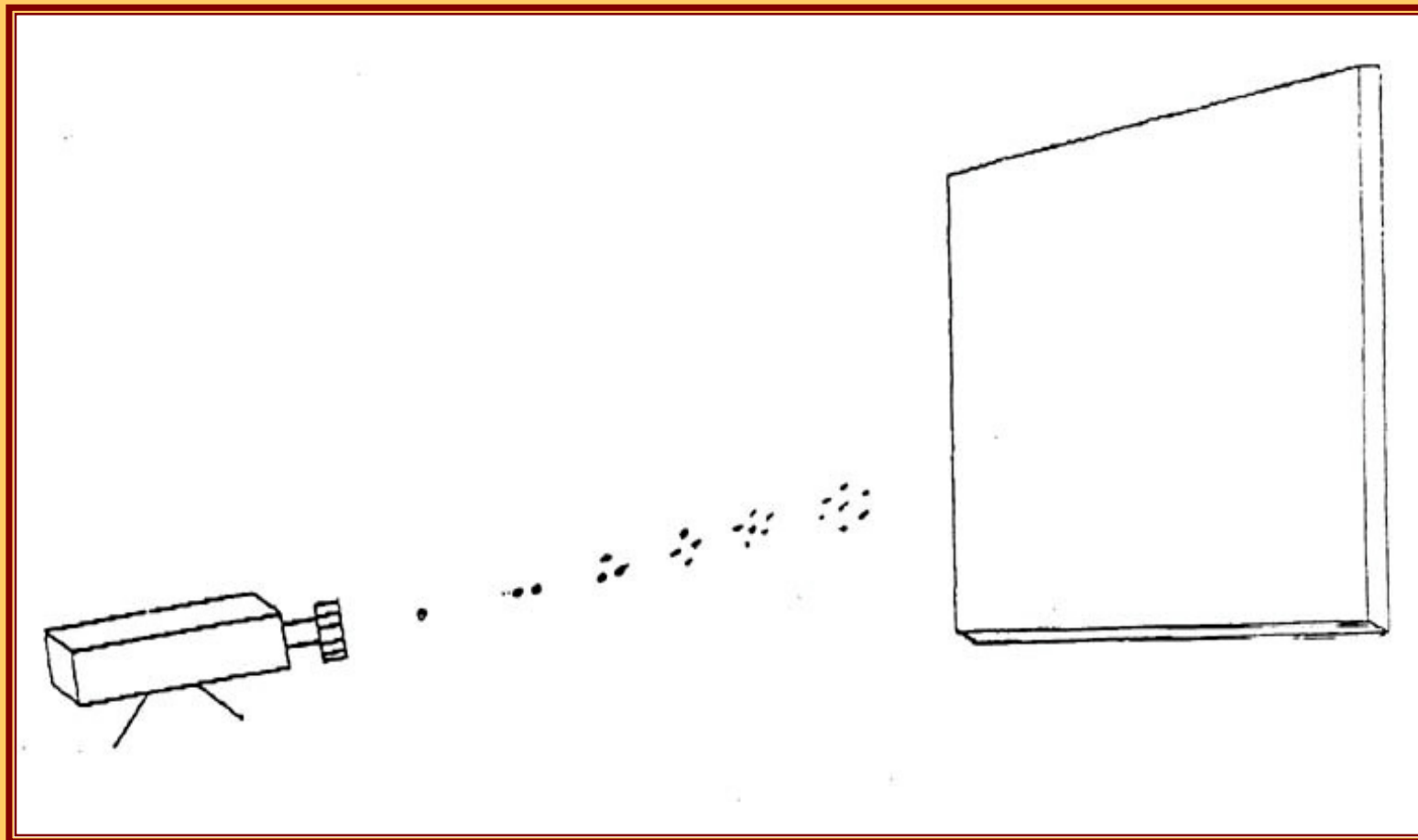
Gravitons

Muons

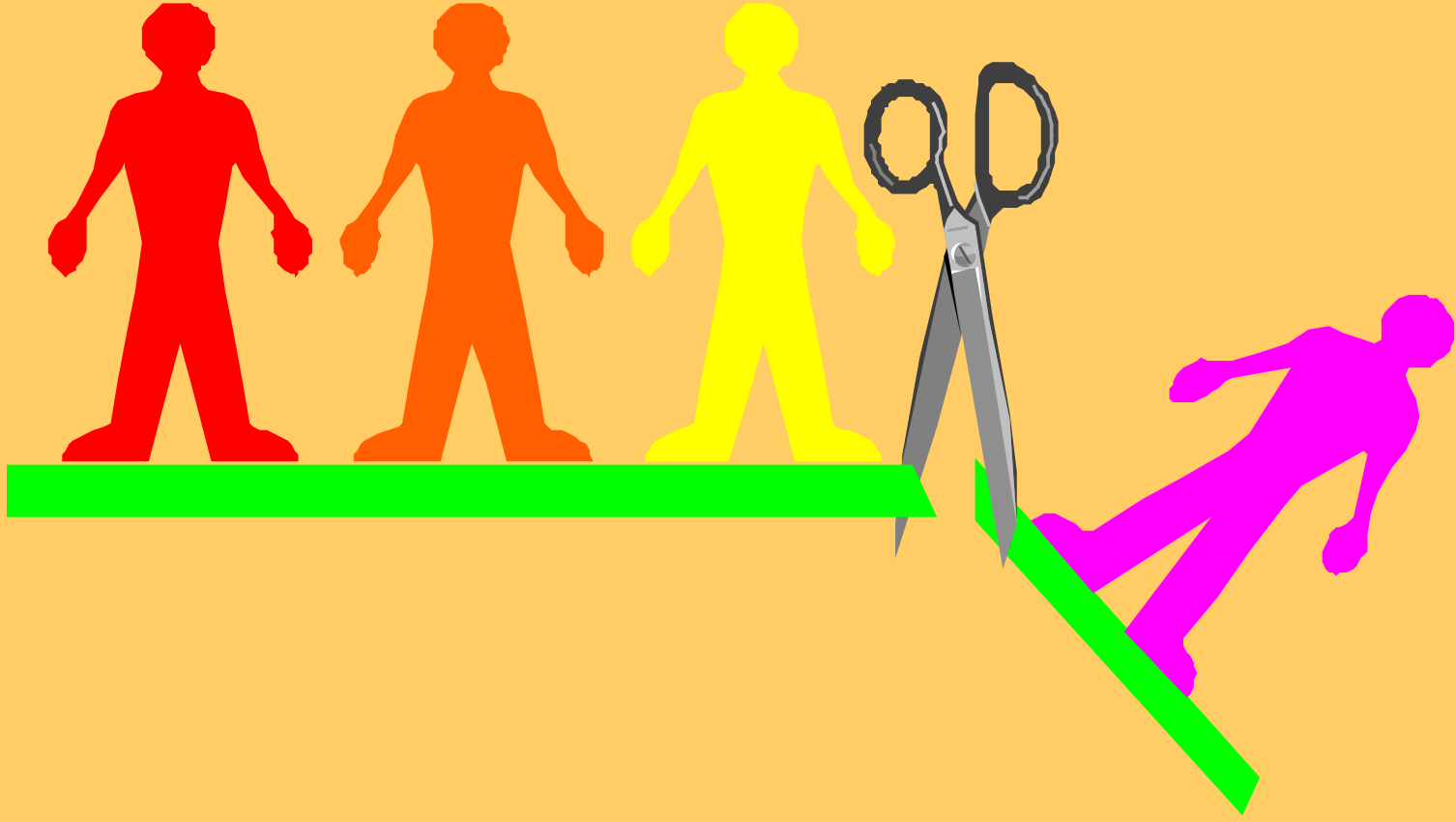
Photons

Pions

The Photon Bunching Effect



Quantum Leaps



The R&R Correlation



Quantum Being

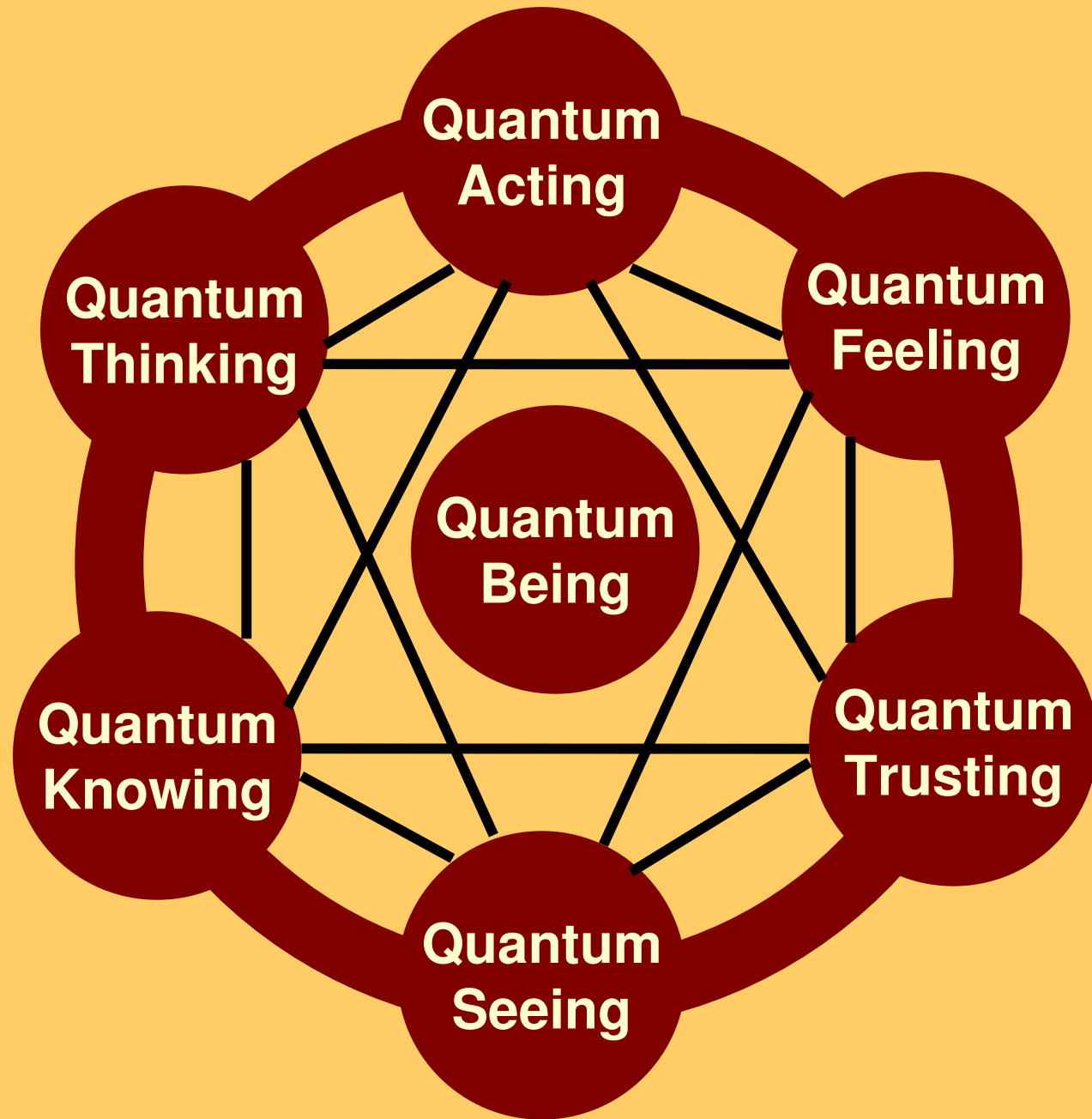
Corporate Examples

Threads

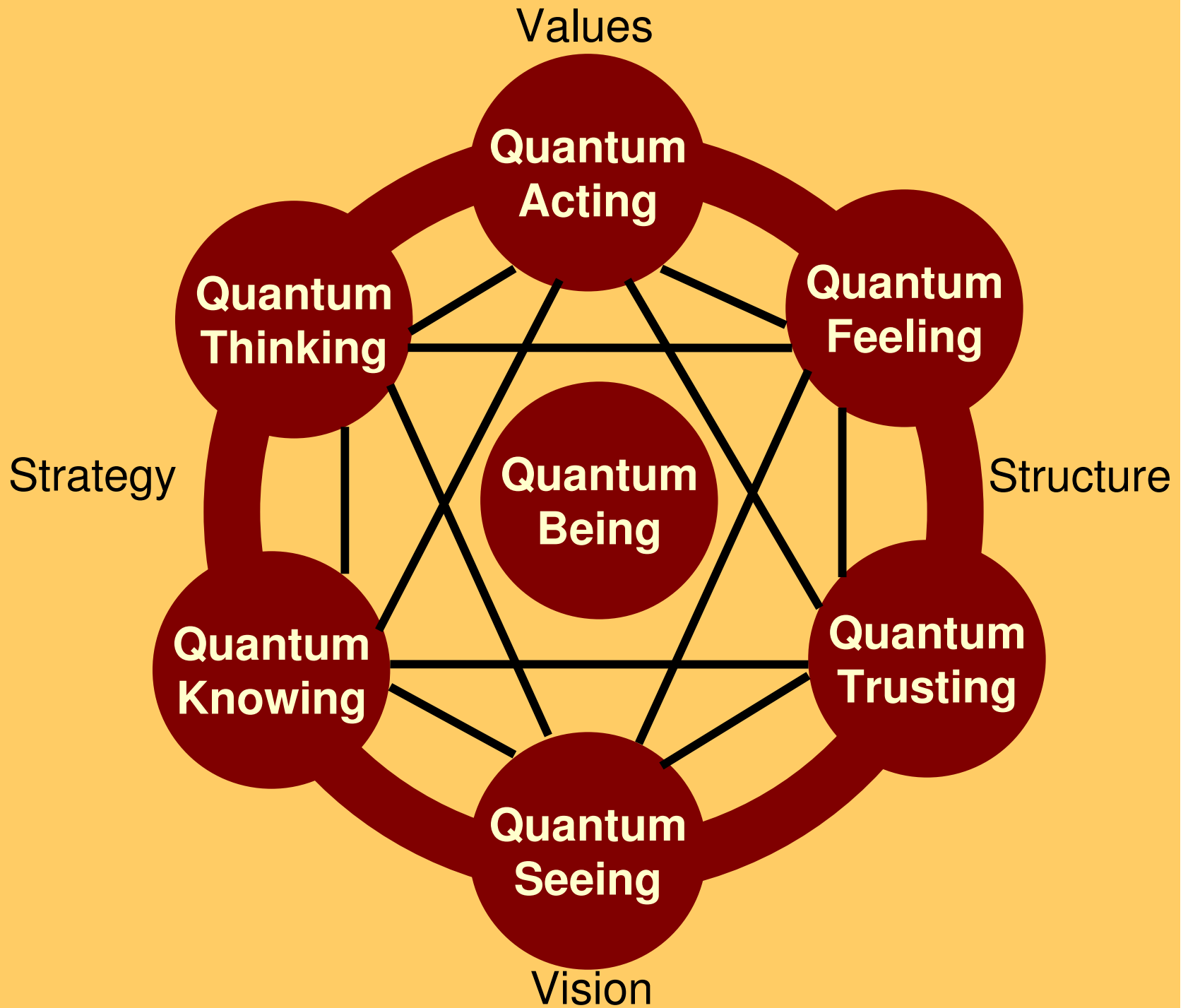
**“LISTEN.
IN EVERY OFFICE
YOU HEAR THE THREADS
OF LOVE AND JOY AND FEAR AND GUILT,
THE CRIES FOR CELEBRATION AND
REASSURANCE
AND SOMEHOW YOU KNOW THAT CONNECTING
THOSE THREADS
IS WHAT YOU ARE SUPPOSED TO DO
AND BUSINESS TAKES CARE OF ITSELF.”**

JAMES AUTRY

Quantum Leaps



Quantum Leaps



The Quantum Organization

