

Outline

Collaborative Innovation & Dynamic Differential Energy

Turning your Organization into a Perpetual-Motion Innovation Engine by Robert Porter Lynch dedicated to Cdr. Donald E. Read

Version 4.0

Contents

Introduction

- Why this book is important
 - o Future Innovation to solve world problems requires collaboration to
 - Create /Adopt/Implement Solutions
 - Building a Sustainable World Population, Environment, Well-Being
 - o Innovation is not all technical
 - Seven Forms of Innovation
- Edison's Admonitions
 - o Two Dynamos Story Human & Technical MUST be integrated and in synchronization
 - Designing for Peace, Not War
- The Perverse use of Technology without consideration of Social Impact
 - The World of Electricity and its impact on Population
 - o Electricity and Global Warming
 - o Using Technology to benefit Humanity & Sustainability
- Why the Greek System of Innovation is so impactful today
 - Most Innovative Society (per capita) on the planet
 - System is replicable into virtually any situation
 - System of Innovation is applicable to social & technical issues
- Power of Aligned Collaboration
 - Trust-Honour based culture
 - o Importance of Collaborative Leadership
 - The Power of Progression -- Designing the Future
 - Integration Unifying Differential Points of view
 - o Transforming Polarization into Paradox into Breakthroughs





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Chapter ONE: In Search of Synergy -- Amazing Greek Innovation Engine

• **Prelude --** Impact of Culture Culture as a Force Field – GM-Toyota Case study

Why Culture

• Quest for Synergy Cracking the Code – Creating a Perpetual Motion Innovation Engine Reaching Back to the Future

Chapter TWO: Discovering Dynamic Differential Energy

• Search for the Essence of Creation Differentials & Greek Quest for Synergy

Unity & Polarity in Ancient China

• What Created a Cluster of Thought Leaders?

Pythagorean Harmonies

Heraclitus & the Dynamic Power of Polarities

Golden Spiral

Crisis & Change

• Greek Scientific Breakthroughs

Lucio Russo's Insights

Linking Science & Engineering

How the Romans destroyed the Innovation Engine

• Differentials in Thinking

Polarities & Paradox Harmonizing Differentials Transforming Joining Harmonies & Polarities into Paradox Using Paradox to think at a Higher Level Unity, Diversity & Adaptation Beethoven's Harmonies & Polarities Synergy & Dynamic Differential Energy Truth & Next Generation Progressions

• Courage, Character & Relationships

Linking Ethics to Friendship Trust is More Important than Life Itself Friendship & Creationship The Three Treasures

Aligning Forces of Greek Innovation System

Why Alignment is Essential to Trust

Destructive Potential of Differentials

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Chapter THREE: Core Values of the Greeks

• Six Core Values

- 1. ARÊTE --VIRTUE
- 2. PHILOTIMO -- LOVE OF HONOR
- 3. SOPHIA -- WISDOM
- 4. KOINONIA --COMMUNITY
- 5. METANOIA MIND SHIFTING
- 6. HISTORIA -- DEEP INQUIRY

Conclusion & New Beginning

Chapter FOUR: Digging Deeper into the Magic of Synergy

- Power of Progression
- Cultural Impact on Innovation & Co-Creation
 - Diabolical Impact of Fear on Creativity

Power of Expression of Ideas in Language Fear and Courage The Energy We Receive From Trust What Kind of Quest?

Chapter FIVE: Differential Energy Rediscovered

- Heraclitus Revisited via Hagel Hagel's impact on Science and Humanity
- Albert Einstein: Polarities and Relativity
- Modern Innovation Synergy Seekers
 - Buckminster Fuller Gyorgi Doczi & Peter Corning Carl Gustav Jung & Human Psyche Polarities Lawrence-Lorsch—Differentiation & Integration Emergence of Strategic Alliance Synergies of Innovation
- Integrating Polarities in the form of Four "Drives" of Human Behavior
- Comparing the Four Drive Model to Maslow
- Reconciling Behavior and Personality
- Application of the Four Drive Model: Trust
- From Trust to Inquiry to Innovation

Chapter SIX: Competition, Cooperation & Creative Destruction

• Are humans Competitive or Collaborative? The Great Darwin Hoax & Darwiin's Powerful Insights into Human behavior

Case Example -- Air War Over Texas

Southwest Airlines Innovation War with American Airlines

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• Innovation & Forces of Creative Destruction

- Cognitive Diversity & Differential Thinking
- Differentials & DNA
- Differentials in Thinking Source of Innovation Flow
- Diversity in an Acquire & Defend World
- Differential Energy & Metanoic Shift

• Is Synergistic Innovation a Natural Act?

Evidence in Nature

Evidence in Human Behavior

Impediments to Synergy & Innovation

Power of Leadership & Culture

Chapter SEVEN: Best Practices in Collaborative Innovation

- 1. Build a Culture of Trust & Inquiry (see 6 Greek Principles)
- 2. Making a Commitment to Collaborative Innovation
- 3. Select a Team with positive Dynamic Differential Energy
- 4. Generate ideas Innovation Engine Fuel
- 5. Turn Breakdowns into Breakthroughs
- 6. Make "Failure" a Learning Experience
- 7. Focus on Innovation that produces Results
- 8. Ensure Innovation Teams are rewarded
- 9. Engage in Collaborative Inquiry
- 10. Ask a lot of Layers of Questions from different angles
- 11. Embrace Differential Energy -- Protect the Deviants Avoid Group Think
- 12. Drive Breakthroughs by the numbers
- 13. Dismantle Blocks & Traps
- 14. Align Vision, Results, Metrics & Rewards

Chapter EIGHT: The Next Horizon

• Business Attempts to Achieve Synergies

High Failure Rates in Mergers & Acquisitions

How Strategic Alliances Achieve Synergistic Innovation

Classical & Synergistic Trust

Nissan Case Study in Synergistic Trust

Beyond Classical Trust to Promote Innovation through Collaboration

• Conclusion

Differential Synergy & Unity in Diversity Flaws Core Elements of Synergistic Innovational Thinking Building a Sustainable World – Population, Environmental, & Human Well-Being Solutions Building Collaborative Innovation into the Education System