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ACHIEVING NATIONAL INVINCIBILITY

Application of Quantum Measurement Theory, Nonlinear Dynamical Systems Theory, Quantum Gravity and Superstring Theory to Achieve National Security, Peace and Invincibility— Through the Applied Technologies of Maharishi's Vedic Science

Natural Law is invincible. The laws of nature governing the universe are omnipresent (translationally invariant), eternal (time-translationally invariant) and inviolable. They apply equally and without exception to every particle and every system in the inconceivably vast expanse of the ever-expanding universe. This chart presents the fundamental principles of invincibility in Nature, as revealed by the cutting-edge disciplines of Quantum

Measurement Theory, Nonlinear Dynamical Systems Theory, Quantum Gravity and Superstring Theory. It further presents how these same principles of Nature's invincibility can be practically utilized to achieve national invincibility and permanent world peace, through the applied technologies of Maharishi's Vedic Science.

“Now any country can easily rise to national security, peace and invincibility—on a proven scientific basis.” —Dr. John Hagelin

Principle

Explanation

Practical Application

Research

1 Quantum Measurement Theory:
The process of measurement results in a coupling of wave functions, and resulting unification, of the observer and the observed.

The modern understanding and analysis of the quantum measurement process entail the coupling of the wave function (or density matrix) of the observed quantum mechanical system with the wave function of the observing apparatus, to form a single, combined wave function. This combined wave function, in the approximation of infinite degrees of freedom, undergoes spontaneous “deconstruction” from a quantum-mechanical superposition to a classical admixture.

In the technology of Maharishi's Vedic Science, which is the applied technology of the unified field, the individual observer becomes aware of an object or thought at progressively more fundamental levels, until he experiences the source of thought—the unified field at the basis of mind and matter. At this point, in accord with Principle 1, the observer unites with the observed—i.e., human awareness identifies with the unified field—the field of nature's organizing intelligence. When this occurs—when the individual mind identifies with the unified field—individual actions become the actions of the unified field—the same evolutionary intelligence that governs the universe with perfect order, and organizes and sustains millions of species in Earth's complex ecosystems. Such action is fully in accord with natural law—spontaneously life supporting—and forms the basis of a crime-free, disease-free, problem-free society.

Life-Supporting Action—
• Decreased Hostility and Aggression (Ref. 1, 2)
• Reduced Behavior Problems in School—Decreased Absenteeism, Rule Infractions, and Suspensions Days (3)
• Decreased Substance Abuse (4)
• Increased Self-Actualization: Increased Integration, Unity, and Wholeness of Personality (5)
Crime-Free, Disease-Free, Problem-Free Society—
• Decreased Crime (6–11)
• Reduced Recidivism among Prison Inmates (12)
• Decreased Violent Crime and Homicide in Society (13, 14)
• Lower Health Insurance Utilization Rates: Significantly
Fewer Hospital Inpatient Days, and Outpatient Visits in All Age Categories; Fewer Inpatient Admissions for All Major Categories of Disease (15, 16)
• Decreased Need for Medical Care: Decreased Hospitalization for All Disease Categories (17)
• Improved Health of Employees (18, 19)
• Reduction in Cardiovascular Risk Factors (20–25)
• Improvement in National Quality of Life as Measured by a Comprehensive Index Including Motor Vehicle Fatalities, Homicide, Suicide, Deaths Due to Accidents (other than Motor Vehicle), Notifiable Diseases, Alcohol Consumption, Cigarette Consumption (26)

2 Quantum Measurement Theory:
The act of observation influences the system being observed, and in particular, enlivens properties of the system that were formerly latent—i.e., potential properties.

The classical measurement of a property of a quantum mechanical system (e.g., an electron's position) always yields a definite classical result. However, prior to the measurement, one can rigorously show that the electron had no such classical value (i.e., no definite position, as in the case of an electron wave function, which is spatially non-local). Therefore, the measurement process enlivens potential properties of a system (e.g., position) that were previously unexpressed.

The experience, or observation, of the unified field during Maharishi's Vedic technologies of the unified field, enlivens fundamental qualities of the unified field. These qualities can be derived mathematically from the Lagrangian of the unified field and include such evolutionary qualities as unifying, harmonizing, supersymmetry (perfect order), pure intelligence, infinite creativity, absolute efficiency, abundance and invincibility. The regular enlivenment of these qualities in the unified field—the field of collective consciousness at the basis of individual and national life—by groups of trained experts strengthens these qualities of invincibility, creativity, etc. in the whole population, and in the government as well.

Unifying and Harmonizing—
• Increased Harmony in International Affairs (27, 28)
• More Positive, Progressive Statements and Actions of Heads of State and Greater National and International Support for Their Policies and Leadership (29, 30)
Perfect Order—
• Decreased Crime (6–11)
• Decreased Number of Fatalities from Suicide, Homicide, and Accidents (31)
• Improvement on a Quality of Life Index Including Total Crime Rate, Mortality Rate, Motor Vehicle Fatality Rate, Auto Crime Rate, Unemployment Rate, Pollution, Alcoholic Beverage Consumption Rate, and Cigarette Consumption Rate (32)
Pure Intelligence—
• Improved Outcomes of the Educational System at All Levels (33, 34)
• Development of Intelligence—Increased IQ (35)
• Holistic Improvement in Intellectual Performance (36)
Infinite Creativity, Absolute Efficiency, and Abundance—
• Increased International Economic Competitiveness (37)
• Improved National Economy as Measured by Reduced Inflation and Unemployment (38–41)
• Stable Growth of Balanced Economic Health (37)
Invincibility—
• Reduced Fatalities and Injuries Due to International Terrorism (42)
• Improvements in Domestic Affairs and International Relations for Major Trouble-Spot Countries (43)
• Increased Progress toward Peaceful Resolution of Conflict (44)

3 Quantum Measurement Theory:
The act of observation increases order in the system being observed.

The process of observation causes a negative semi-definite change in the quantum mechanical entropy of the density matrix of the observed system.

The experience, or observation, of the unified field during Maharishi's Vedic technologies of the unified field enlivens order within the field—the field of individual and collective consciousness. On the individual level, this increased order is reflected in the profound orderliness of brain functioning (“global EEG coherence”), which is scientifically linked to increased intelligence, creativity, academic achievement, and job performance, as well as orderly and harmonious behavior. On a societal level, increasing order in collective consciousness is reflected in decreased social disorder, crime, and unrest, and increased social coherence. Coherent national consciousness is integrated and strong, and is impervious to disruption from potentially disturbing elements. This scientifically demonstrated effect of coherence in collective consciousness, known in the literature as the Maharishi Effect, is analogous to the Meissner Effect in quantum physics, in which a state of profound order (known as Bose condensation) among the atomic constituents of a superconductor render the conductor impervious to disruption by disturbing forces.

EEG Coherence—
• Increased EEG Coherence and Phase Synchrony (45–47)
• Integration of Neurological Functioning: Higher Frontal Coherence in the Brain in Daily Activity (48)
• EEG Coherence Correlated with Greater Neurological Efficiency, Increased Creativity, Increased Learning Ability, Higher Moral Reasoning, Higher IQ, Reduced Emotional Instability, Higher Academic Achievement, Openness to Experience, and Clear Experience of Transcendental Consciousness, and Lower Trait and State Anxiety (49–53)
Decreased Social Disorder—
• Decreased Crime (11–16)
National Consciousness Impervious to Disruption—
• Reduced Fatalities and Injuries Due to International Terrorism (42)
• Decreased War Intensity and War Deaths (44)
• Reduced International Conflict (42)
• Increased Progress toward Peaceful Resolution of Conflict (44)
• Improved U.S.–Soviet Relations (54, 55)

4 Nonlinear Dynamical Systems Theory:
Nonlinear Dynamical Systems Theory, or Chaos Theory, rigorously establishes that even small changes in human behavior can lead to marked changes in the weather.

The nonlinear coupled partial differential equations governing the weather have been shown to satisfy the conditions for chaotic behavior, meaning that weather patterns are acutely sensitive to even minute changes in initial conditions. This acute sensitivity has become popularly known as the Butterfly Effect, because even the motion of a butterfly wing can, and will, over a period of several weeks, precipitate a major storm or hurricane—or can similarly prevent such an event.

When applied in conjunction with the aforementioned transformation of human behavior to be in accord with Natural Law, as established in Principle 1, this principle from Nonlinear Dynamical Systems Theory can be expected to have inevitable effects upon the weather. In particular, the application of these combined principles can account for the complete reversal of predicted hurricane outcomes this year relative to last year's devastating season, achieved on the basis of the Invincible America Course (see research).

Case Study Results—
• Improved Rainfall and Cessation of Drought (Mozambique, 1993) (56)
• Increased and More Balanced Rainfall, and Increased Harvests (Senegal, 1987) (57)
• Increased Balance in Nature—Reduced Hurricane Activity during the Invincible America Course (USA, 2006) (58)

5 Quantum Gravity and Superstring Theory:
Command over gravity implies command over the unified field of all the laws of nature—nature's supreme administering intelligence.

Fifty years of rigorous scientific exploration into the quantization of the gravitational force have established that gravity is inconsistent as an isolated force. Only unified quantum field theories, and superstring theory in particular, provide a mathematically consistent theory of the gravitational force. According to these theories, at a fundamental scale, gravity is inseparably united with all the fundamental forces and particles as a single, self-interacting unified field. Mastery of the classical laws of Newtonian gravity and Einstein's General Relativity requires access to more fundamental gravitational principles—specifically, the ability to function at the level of quantum gravity. But as we have seen, at the level of quantum gravity, the level of super-unification, gravity is united with all the other force and matter fields. Command over gravity therefore implies command over the unified field of all the laws of nature—the supreme administrative intelligence of the universe, which maintains order throughout the ever-expanding universe.

The Vedic technology of the unified field known as Yogic Flying demonstrates that, at the deepest level of human consciousness, the individual gains command over the gravitational force (i.e., the physical body lifts up in the air propelled by a mere impulse of thought). This command over gravity implies, according to this principle, command over the unified field—the supreme administrative intelligence of the universe. Such demonstrated mastery over nature's governing intelligence, practically applied to individual life and the life of the nation, can elevate the governance of any nation to be as flawless, as efficient, and as universally nourishing as the government of nature—providing the basis for a prevention-oriented, problem-free administration.

• Improvement in National Quality of Life as Measured by a Comprehensive Index Including Motor Vehicle Fatalities, Homicide, Suicide, Deaths Due to Accidents (other than Motor Vehicle), Notifiable Diseases, Alcohol Consumption, Cigarette Consumption (26)
• Improved Quality of National Life as Measured by an Index Comprising Data on Crime, the National Stock Market, and National Mood (59)
• Improved Mental Health of Government Employees (60)
• Improved Productivity and Efficiency of Employees and Executives in the Business Sector (61–64)
• Improved Outcomes of the Educational System at All Levels (33, 34)
• Longitudinal Reduction in Health Care Costs (65, 66)
• Decreased Violent Crime and Homicide in Society (13, 14)
• More Effective Rehabilitation of Prisoners (67, 68)

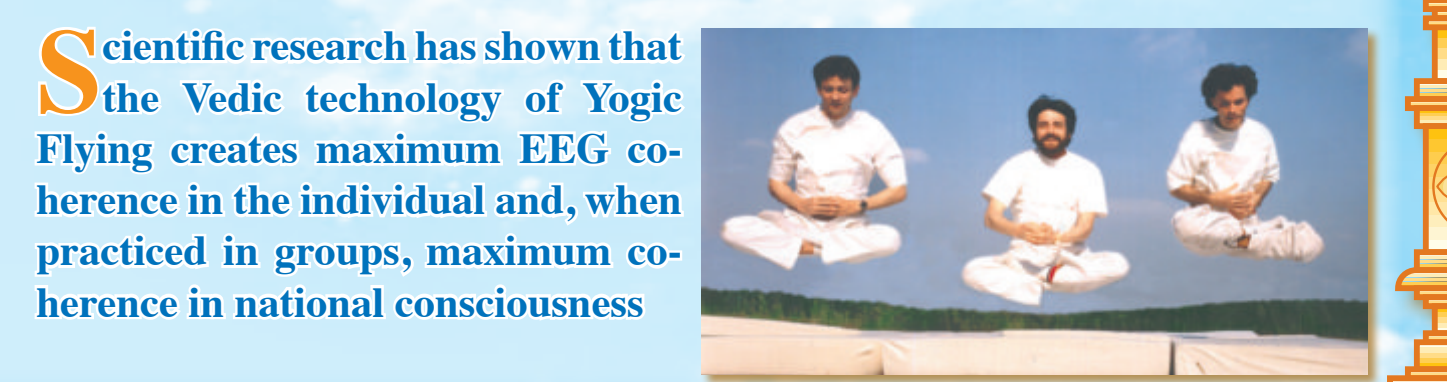
Simply by establishing a group of a few hundred peace-creating experts practicing the applied technologies of Maharishi's Vedic Science, including Yogic Flying, any government can immediately create national security, prosperity and invincibility—and promote permanent peace in the family of nations.

1. In the Vedic literature, this principle of identification is described as *Vritti Saarupyam Itah Atra*, “What you see, you become”—*Yoga Sutras 1.4*.
2. Indeed, the dynamics of Bose condensation may literally apply to the domain of collective consciousness. If consciousness behaves as a Bose field, as one might expect on fundamental grounds of identity with the unified field, then two waves of consciousness (i.e., individual consciousnesses) in close physical proximity would display a statistical predisposition to occupy the same state. This would manifest as 1) an increased tendency for meditators to experience “transcendental consciousness” when practicing in a group; 2) waves of coherence sweeping through a group of Yogic Flyers; and 3) society-wide transformations to states of greater social harmony and coherence, leading to invincibility—a direct societal application of the Meissner Effect. All these aforementioned phenomena are supported by direct experience and/or by published empirical research.



Over 600 published scientific studies conducted at 250 independent universities and research institutes in 35 countries during the past 40 years document the profound and wide-ranging benefits of this approach for the individual and society.

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Scientific research has shown that the Vedic technology of Yogic Flying creates maximum EEG coherence in the individual and, when practiced in groups, maximum coherence in national consciousness