

Dimensional Analysis of the Idée-Force of Social Agents with Constrained Optimization from Remote Sensing

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Abstract: Dimensional analysis of societal behavior is divided into hierarchical fields of spaces, such as economics. Social agents create strategies to adapt to their *habitus*. Within a particular field, the learned *doxa* influences the agent's thoughts and subsequent actions. The meme(s) produce an *idée-force* that can be calibrated, as a dimensionless quantity, from data gathered by remote sensing. The technological process of remote sensing involves collecting and collating all relevant recorded writings, audio and visual data from any era of time where sufficient information can be mined. That data can be analyzed by constrained optimization which determines the max and min of x and y , given $\max \ell(x,y) = f(x,y) + \lambda g(x,y)$ and $\min \ell(x,y) = f(x,y) - \lambda g(x,y)$ such that $g(x,y) \geq 0$. A decision matrix of the objective function value ($\max f(x,y)$ and $\min f(x,y)$) can satisfy inequality within two (absolute) value terms of dimensionless numbers. The four options for the range of x,y are min,min or (0,0), max,min or ($> 0,0$), min,max or (0, > 0), and max,max ($> 0, > 0$). Maximizing the optimized subject to a set or series of constrains allow for the decisions to be analyzed for future simulations and predictions.

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Dimensional analysis examines and tracks relationships between physical quantities by determining fundamental dimensions (e.g. time, length, mass, etc.) and measurements (e.g. feet/meters, pounds/grams, etc.). The basic rule is to be homogeneous in that quantities of different dimension categories should not be compared, such as an hour of time is not to be compared to a mile's length.

Dimensional constants may arise from results,¹ often from integrating a differential equation, and can be measured for importance and used for calculations about phenomenon. If a quantity has no physical dimension it is dimensionless, such as the dimensionless number of π .

Dimensionless analysis of societal behavior is divided into hierarchical fields of spaces, such as economics. According to Pierre Bourdieu (1930-2003), the field is a space where

¹ An example is the C in Poiseuille's Law.

social agents are located. Those agents create strategies to adapt to their habitus or systems of disposition (i.e. perceptions, thoughts, actions/behavior, etc.).

Within a particular field, the learned doxa (the fundamental beliefs and values taken to be universal) influences the agents thoughts and subsequent behavior(s). Richard Weaver's 1948 book, *Ideas Have Consequences*, argued that culture and truth itself were devolving in the modern age due to adoption of inferior ideas or memes.

Memes spread from person to person (social agents) in a culture and act as the unit for carrying cultural ideas. The produced *idée-force* is the factor an idea imposes onto social agents. Its dynamic propagation can be calibrated as a dimensionless number.

Anthropocene (Greek *anthropo-* meaning human, and *-cene* meaning new) is a term coined by Eugene Stoermer and popularized by Paul Crutzen. It is meant to denote eras which humans have had significant global impact on the Earth's ecosystem. Certainly the following would be such past eras:² Adam's committing the original sin³ which resulted in the material consequence of physical death and exile from Eden (Genesis), Noah's survival of the flood to end world depravity of sin (Genesis), Moses' being given the law for human behavior toward other humans, toward God, and toward the environment (Genesis, Exodus, Leviticus, Numbers, and Deuteronomy), Jesus

² Future eras have been prophesied, such as the calling of those believers alive on Earth into the sky to meet Jesus (1 Thes. 4:17) called the rapture, seven years of judgment ruled by the AntiChrist (Josephus recorded an antichrist model named Antiochus Epiphanes) who is empowered by Satan (Dan. 8:23-25) called the tribulation period, Jesus physical return to govern Earth for a 1,000 years called the millennial reign. Jesus' return is being attacked today saying "Where is the promise of Jesus' coming?" (2 Peter 3:3-5). The warning says "Be ready for Jesus (the Son of man) will come in an hour when you think not (Matt. 24:44). His return to creation will be restoration of peace as before Adams original sin where wolves will dwell with lambs, cows with bears, and lions will eat straw (Is. 11:1-10, 65:25

³ Due to the rebellious sin of pride in Heaven, Satan was cast into an ability to effect material Earth with his disorder (Is. 14:12-15; Luke 10:18). Satan aided in the original sin on Earth of Adam (Rom. 5:12) creating material entropy and material death (Gen. 2:17). Of course, Satan did not die in his nonmaterial realm after he sinned because the wages of sin on Earth is material death (Gen. 3:3; Rom. 6:23). If Satan, who was an original sinner, began corrupting entropy and death then other angels in his realm, (e.g. Gabriel, Michael etc.) would have need of redemption as humans on Earth do since Adam. Biblically, this is clearly not the case. Sin in that realm is irrevocable and unforgiveable to angels as it is when humans die and enter that realm can no longer have the opportunity to be forgiven. According to Genesis 1:29-30, men and animals were not meat eaters they were vegetarians. Plants are not the same category of life as men and animals are (*nephesh chayyah*). The creating God of life is not a god of death as seen in the future restoration of God toward redeemed mankind in His realm where there will be no pain or tears (Rev. 21-22). The average person innately knows that if something is false in one thing it is likely false in other things. This is why there is a satanic attempt to decouple clear ramifications regarding the original sin to accommodate an old world view contrary to clear biblical teaching and even propagate the notion that there is other life in the universe where life on Earth was seeded. Astrobiology is vainly seeking to find life in our universe apart from Earth (Gen. 1:1-31, 2:1-2). Paul referred to the whole creation (Greek *pasa he ktisis*) in Romans 8 and the universal death after Adams fall into sin (Rom. 8:19-23). Adam had dominion over all creation on Earth (Gen. 1:27-31) and when he fell so did all he had dominion over (Gen. 3:16 (birth pains), 3:17-18 (cursed thorns and thistles shall bring forth Is. 5:6, Rom. 8:20-22, Heb. 6:8), 3:19 (dirt you shall return)). Sir William Thomson, Lord Kelvin, known for his work in thermodynamics, said creative power is the only feasible answer to the origin of life from a scientific perspective. Synthetic DNA or X-DNA is an attempt to alter created life. God made everything beautiful in time and set the world in their heart so no man can find out the work that God made from the beginning to the end (Eccl. 3:11; Job 5:9; Rom. 11:33).

(theanthropos) becoming flesh to dwell among humanity for eternal redemption (John 1:1-14). Such data can be gathered from remote sensing.

Remote sensing is defined as acquiring information about an object or phenomenon without making physical contact. Nicholas Makris, a professor of mechanical engineering and ocean engineering and Director of the Laboratory for Undersea Remote Sensing at the Massachusetts Institute of Technology, thinks, if a context is clear enough, remote sensing applications can be used in the analysis of decision-making by historical figures (e.g. recorded speech, written documents, etc.).⁴

Humans routinely perform remote sensing when something is seen or heard. Neither of those examples of gathered information requires physical contact by senses with those external sources seen and/or heard. The technological process of remote sensing involves collecting and collating all relevant recorded writings, audio and visual data from any era of time where significant information can be mined.

Mined data can be analyzed by constrained optimization which determines the max and min of x and y , given $\max \ell(x,y) = f(x,y) + \lambda g(x,y)$ and $\min \ell(x,y) = f(x,y) - \lambda g(x,y)$ such that $g(x,y) \geq 0$. This process optimizes an objective function (either a reward function or utility function to be maximized or a cost function or energy function to be minimized) with respect to variables in the presence of constraints on the variables.

The mathematical optimization models are used extensively in areas of decision-making to determine “What is best?” expressed as a numerical value where best means good and not best means bad. A decision matrix of the objective function value ($\max f(x,y)$ and $\min f(x,y)$) can satisfy inequality within two (absolute) value terms of dimensionless numbers. The four options for the range of x,y are min,min or (0,0), max,min or ($> 0,0$), min,max or (0, > 0), and max,max ($> 0, > 0$).

Intelligence is not memorization; computers and idiot savants can do that. The cerebellum can be programmed like a computer to perform tasks without intellectual applications of abstract ideas in a consciousness signature⁵ of the totality of one’s thoughts and feelings expressed in behavior as a sign. The key to problem-solving is understanding the choices of min and max options. The intelligence quotient, IQ, numerically scores what problem-solving skill and knowledge is expected for a specific age group. Estimates have been made, by remote sensing, from historical figures prior to the development and taking of IQ tests, such as for Pascal and Descartes.⁶ Pascal’s

⁴ Makris made his comments to Dallas F. Bell Jr. in an email exchange during December, 2015.

⁵ Conscientiousness is the desire to do a task well.

⁶ In an email exchange with Dallas F. Bell Jr. during October, 2015, Ruth Spinks points out that the concept of IQ came into existence in the late 19th century when the French government wanted an instrument to determine which children could most benefit from public (government) education. Since IQ tests are based on common information taught in schools, they are bound to the society in which they were developed. This would require being renormed on every society in which they are used. That model would need estimates for all ancient Greeks, Romans, and Egyptians, etc. Such an effort of comparisons across cultures would be difficult and be more or less meaningless. Additionally, there is no way of estimating

estimated 195 IQ can be compared to Descartes estimated 180 IQ. Overtime such estimates have been lowered to account for bias etc., such as Pascal's drop to 173 and Descartes drop to 158.

Demonstrating ability to choose what is best, for max of 200, is contrasted with choosing what is not best, a min of 0. Complexity and order of choices available can be broken down into five general bracketed categories for a max of 40 points each with a max total of 200: Language use (spoken and written), environment manipulation, curiosity, theory and logic, and theology and eschatology.

Josephus recorded in 11.8.4 and 5 that Alexander the Great reported God had shown him the future in a dream. The future events eventually took place as he dreamed leading him to know the revelation was true and thus from God. Joseph (Genesis 37:5-11) had a dream from God which came true and Pharaoh's (Genesis 41) dream also came true. These examples of infused knowledge and understanding are supernatural. Therefore, Alexander's, Joseph's and Pharaoh's IQs, as with many others, were increased beyond innate abilities. Neurological ability can not interpret data beyond itself and so supernatural increases of data must not exceed that ability. An increase of data can be up to 40 points per category not to exceed a max of 200. This increase requires the will and relationship with God to maximize the potential increase. Jesus was the only one with perfect will and relationship with God for a 200 IQ for neural ability and a 200 increase for a total estimated IQ of 400.

Conversely, having lowered decision-making abilities have also been recorded, such as Judas' betrayal of Jesus the prophesied Christ. Satan entered Judas⁷ and led to his suicide and historical record of infamy. His innate IQ was lowered supernaturally. The lowering of IQ must be less than equal to innate ability for a max of less than 40 points per category and a total of less than 200 potential points. The supernatural ability of Satan is finite while the supernatural ability of God is infinite. There can be no equal, yin and yang, or good and evil or else the physical laws, such as gravity in physics, or moral laws, such as to not steal, would not be constant for day to day.

The three sources of human knowledge for determining what is true (good) and what is not true (bad) are science, empirical experience and replication, philosophy, reasoning about non-material realities, and theology, revelation of material and non-material realities. Science can empirically see that sloth leads to poverty. Philosophy reasons stealing is wrong. Theology requires revelation to know tithing 10% of all income to God is a law of God. When an individual accepts theological truth science and philosophy are harmonious, to the extent finite understanding can be harmonious to specific IQ abilities. When theological truth is rejected science and philosophy must also reject reality to be harmonious and innate IQ ability is lowered.

how much drift (renorming IQ averages to a predetermined 100 with a standard deviation of 15) has occurred over the millennia.

⁷ Luke 22:3, *eiserchomai* meaning to enter.

The failure of man's reasoning ability can be seen in the famous paradox of someone tells you that they will visit you next week exactly at noon by Friday and the day will be a surprise to you. You can reason that if noon on Thursday passes and there is no visit that the visit must occur on Friday and that then would not be a surprise. It can further be reasoned that if the visit has not occurred by noon on Wednesday the visit must occur on Thursday which would not be a surprise etc. The conclusion must be that the visit will not take place. Yet the visit occurs on Tuesday and you will be surprised. Without the needed information held by the visitor reason and parameters will always be inferior.

Recently, researchers at the Weizmann Institute discovered that observation affects reality. It was noticed that their remote sensing device changed electron waves into particle behavior. It had hampered the normal interference that takes place. The quantum affect of the observer effect says that a spread relation of a wave is $(\Delta k)(\Delta x) \geq \frac{1}{2}$, where Δ (spread), k (wave vector), x (position). If x is measured there is an output with a narrow range for x , even if the input is a big spread of x . Also if k is measured the output has a narrow range of k . It seems the wave function collapses by the type of measurement made.

The Hawthorne effect showed that people adjusted their behavior in response to their becoming aware of their being observed. All parents experienced this "when the cat is away the mice will play" effect when raising their children.

In conclusion, maximizing the optimized subject to a set or series of constraints allows for past decision to be analyzed for future simulations and predictions.

Rules for Radicals is dedicated by Saul Alinsky (January 30, 1909 – June 12, 1972) to the original radical, Lucifer - also known as Satan, the Devil, The Old Serpent, and The Dragon (Rev. 12:2; 20:2). In this book is found the following:

"Lest we forget at least an over-the-shoulder acknowledgment to the very first radical: from all our legends, mythology, and history (and who is to know where mythology leaves off and history begins — or which is which), the first radical known to man who rebelled against the establishment and did it so effectively that he at least won his own kingdom — Lucifer."^[7]

1972 Vintage Books paperback edition of Rules for Radicals by Saul D. Alinsky

Rules for Radicals

By Saul Alinsky - 1971

Hillary Clinton's 1969 [Political Science Thesis](#) ("There is Only the Fight") refers to an earlier version of Alinsky's training manual. "In 1946," she wrote, "Alinsky's first book, *Reveille for Radicals*, was published."

Background information

"Obama learned his lesson well. I am proud to see that my father's model for organizing is being applied successfully beyond local community organizing to affect the Democratic campaign in 2008. It is a fine tribute to Saul Alinsky as we approach his 100th birthday." -- Letter from L. DAVID ALINSKY, son of [Neo-Marxist Saul Alinsky](#)

[Obama helped fund 'Alinsky Academy'](#): "The Woods Fund, a nonprofit on which Obama served as paid director from 1999 to December 2002, provided startup funding and later capital to the Midwest Academy.... Obama sat on the Woods Fund board alongside [William Ayers](#), founder of the Weather Underground domestic terrorist organization.... 'Midwest describes itself as 'one of the nation's oldest and best-known schools for community organizations, citizen organizations and individuals **committed to progressive social change**.'... Midwest teaches Alinsky tactics of community organizing."

[Hillary, Obama and the Cult of Alinsky](#): "True revolutionaries do not flaunt their radicalism, Alinsky taught. They cut their hair, put on suits and **infiltrate the system from within**. Alinsky viewed revolution as a slow, patient process. The trick was to penetrate [existing institutions such as churches](#), unions and political parties.... Many leftists view Hillary as a sell-out because she claims to hold moderate views on some issues. However, Hillary is simply following Alinsky's counsel to do and say whatever it takes to gain power.

"**Obama** is also an Alinskyite.... Obama spent years teaching workshops on the Alinsky method. In 1985 he began a four-year stint as a community organizer in Chicago, working for an Alinskyite group called the Developing Communities Project.... Camouflage is key to Alinsky-style organizing. While trying to build coalitions of black churches in Chicago, Obama

caught flak for not attending church himself. He became an instant churchgoer." (By Richard Poe, 11-27-07)

Opening page - Dedication

"Lest we forget at least an over-the-shoulder acknowledgment to the very first radical: from all our legends, mythology, and history... the first radical known to man who rebelled against the establishment and did it so effectively that he at least won his own kingdom — **Lucifer.**"