

# Spiral Pathway of Almost Everything

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## Abstract

*The movement of earth around the galaxy, the moon around the sun, the electrons around the nucleus all are in a spiral way. Similarly the progress of society and the various elements of society like philosophy, condition of females and minorities, fashion, cinemas and overall the progress of civilization is in a spiral way. The spiral turn is there because the powerful persons/ things that have control over distribution of resources are always there to bend the rules. Otherwise the progress would have been in a straight line. Like the gravity of sun pulls the earth and the gravity of earth pulls the moon. The reason for this change in society is because animals especially humans have lust, anger, greed, love, ego. We can conclude, the movement of almost everything in this galaxy is in spiral pattern.*

**Keywords:** *civilization, fashion, females, philosophy, spiral*

## Introduction

It is a well-known fact that the earth revolves around the sun. The Sun itself is moving around the black hole located at the center of galaxy. Looking outside from the galaxy the movement of earth is in a spiral way. The Milky Way galaxy itself moves in a spiral way. (Goodwin, Gribbin, & Hendry, 1998) Like the movement of electrons around the nucleus of atom. (Osama khaliil) Like the movement of Deoxyribonucleic acid where strand of ribonucleic acid spiral to form double helical structure. (Marks R, 2023) Like the movement of moon around the Sun. (Sharma BK 2009) The movement of almost everything in this galaxy is in spiral pattern. Below we will discuss various aspects of society/countries and will try to analyze why they are moving in a spiral way.

## Progress of Civilization

Majority of human history since our emergence as a species 200,000 years ago, people lived in egalitarian societies. In that society sharing and co-operation were the norm. Hierarchy, inequality and oppression were virtually unheard of. No one could then accumulate enough spare goods to gain higher rank. This changed only within the last 10,000 years. (Marloe, 2005).

Back then people lived in bands and tribes of hunter gatherer society. (Fisher, 1998) Male used to hunt more proteins and calories so were said to be more dominant. (Ernestine, 1978) The skillful hunters used to be more valued but even they needed the support of others to hunt. Similarly female used to gather or collect medicines, fruits

and other plants. They used to contribute a major share to the family. Some authors even say 'There was no guarantee that hunters used to be successful in every hunt'. There were days hunters were disappointed. At the time the family used to depend upon female for the foods they collect. Some authors say female used to contribute even up to 60% of the daily needs. (Lerner, 1986)

Society was egalitarian. Hierarchical elements appear relatively late and it is suggested that only after population density became high and forced competition for the surplus did this appear. (Lerner, 1986).

There is some evidence of rank in the European archaeological record as early as 15,000 years ago. Village headmen had probably gained power with the rise of the first seasonal, nonagricultural communities. Social stratification had surely begun by then. Then with the spread of plow agriculture and village life, political organization grew more and more complex—and undoubtedly more hierarchical as well. (Earlie, 1989)

Iron first appeared about 2000 to 1500 B.C. and had spread far and wide in the Old World. Iron's superiority for durable, effective tools and weapons explains why it is so highly valued and spread so rapidly. The egalitarian society slowly changed into a patriarchal society. (Waldbaum, 1978) (Townsend C)

After the development of farming people began to have tendency of have their own land. For farming strong hands who could tame the strong animals were needed. Since the development of farming the tendency of being

capitalist (which was inside a man) was revealed. Engels theorized that in tribal societies the development of animal husbandry led to commerce and to ownership of herds by individual heads of families, presumably male. (Lerner, 1986) So now we have sedentary living, permanent monogamy, dependence on the plow, the rise of male economic power, and the emergence of stratified societies. This rise of ranked individuals was most likely another death knell for women because in every single society where ranks are prevalent, men hold the majority of the authoritative roles. In fact, in 88% of ninety-three societies canvassed in the 1970s, all local and intermediate political leaders were men; in 84% of these cultures men held all of the top leadership positions in the kin group too. (Fisher, 1998)

That was the time when marriage was institutionalized as the marriage bond was the only thing the two pairs of arms of male and female came to collaboration for labor. Male and female both were attached to the land. They both were committed to produce more hands of labor in children. Males started becoming dominant as he was the one who was strong enough to handle big animals that were needed for plowing and for horticulture. He was the one who was responsible for protection of the land. Once having acquired such private property, men sought to secure it to themselves and their heirs; they did so by instituting the monogamous family. By controlling women's sexuality through the requirement of prenuptial chastity and by the establishment of the sexual double standard in marriage, men assured themselves of the legitimacy of their offspring and thus secured their property interest. (Engels, 1972) He was the one who build cities or small countries for protection of his property. For protection of city's war was fought. As the child rearing up was an expensive process female were largely reliant on male for survival and for bringing up their children's. Male were more involved in war and forming country. Males started becoming more dominant. Female were suppressed. (Engels, 1972) (Lerner, 1986)

Since the industrial revolution, pattern started to change. Female slowly started going outside of home for the search of income of the family. They started contributing economically to the family. Since they were not reliant on male for income and security the dominance of

male over them faded. More women started living alone and were happy. Worldwide, feminist movements began only after industrialization. (Lerner, 1986) This again was the start of an egalitarian society.

Male and female now in most cities are equally dominant in their respective family and society. Since only female can give birth to a child males are more likely to be dependent upon females for reproduction. Females in the other hand do not need the income and security of male. Females have the upper hand. Today in developed society females are more likely to be dominant over males. You may argue even today most of the things female use is made by man. Females still needs males and similarly we can say males also need female. Male and female are the two feet of a single person. (Fisher, 1998) Overall we can say the society has taken a full spiral turn. The society today if not already is about to be egalitarian. Today more people particularly in developed countries emphasize equality and equal treatment across gender, religion, economic status, and political beliefs.

The pattern is not circular (reaching its original position) because the egalitarian society now is not hunters and gatherers society of jungle age. We have come a long way. Nowadays we hunt and gather in shopping malls. (Fisher, 1998)

The spiral turn is there because the powerful persons who have control over distribution of resources are there to bend the rules. Otherwise the progress would have been on straight line. Like the gravity of sun pulls earth and the gravity of center of galaxy pulls the sun. This pattern of change in society is because humans (animals also) have lust, anger, greed, love, ego within them. (Gupta, 2015) Everyone wants well for themselves and their family. These factors are the center of a spiral pathway which doesn't let the progress go in a random way and ultimately moves the people progress in a spiral way. These are the factors that are anti egalitarian.

There is also a bend in the system because every person has (basics or higher) needs to be fulfilled. Like the Maslow hierarchy of needs says 'everyone needs food, shelter, water, air, sleep, clothing and reproduction'. Similarly the needs increase to personal safety then to love and belongings. Then self esteem and actualization are

needed. (Maslow, 1943) This is the reason which drags every human in power to bend the egalitarian rules.

### Caste System in South Asia

In the south Asian society the caste system has also moved forward a spiral way. Initially the caste system was for division of labor. The four cast/barna were created because through division of labor the society could run smoothly. *Brahmins* or priestly caste composed of priests, governmental officials and bureaucrats at all levels, and other professionals were the person who are intellectual and who could read and write. *Kshyatriya* the warrior caste, which includes soldiers and other military personnel and the police and their equivalents, was for protection of people and society and for running the kingdom. *Vaishyas* were craftsmen and merchants. *Sudras* were unskilled workers. (Polanyi, 2002)

Initially the form of discrimination and untouchability were not there. Anyone then could become of any caste. No one was able to be of a caste through his birth. His deeds or work he does made him of a particular caste. A single family had people of four caste system living inside the same roof. *Vishwamitra* was initially a *kshyatriya*. He with sure dedication and meditation became a Brahmin or a maharishi. Similarly *Narada* was also a *kshyatriya* who later became a Brahmin. (Dwivedi, 2018)

During the course of time, this divide between tiers widened, and the Brahmins administered their dominance over the other three Tiers by often misinterpreting the religious texts and scriptures for their personal benefits [Cardona, 1983]. Gradually, other restrictions, social, academic, and economic, were also imposed by the Brahmins and others on lower tier in order to weaken the possibility of restoration of ancient system based on attributes and actions [Chakravarty, 1933]. The theological basis of caste relations is *karma*—the belief that one's caste in this life is the cumulative product of one's acts in past lives, which extends to all beings, from minerals to animals to gods. Therefore, though soul class mobility is nonexistent during a lifetime, it is possible between lifetimes. *Brahmins* justified their station by claiming that they must have done well in their past lives. (Khare, 1984) There was influence of war in the caste system. Those who won were naturally given higher caste and the losers

were segregated as of lower caste. (Dwivedi, 2018) The discrimination later was documented and was made as a law. Caste in Nepal was codified by the enactment of the Law Code of 1854, the Muluki Ain, in an effort to streamline the caste systems of various different ethnic groups. The Muluki Ain contained an elaborate system of rules governing interactions between castes, and prescribed punishments for those who violated caste boundaries. (Cameron, 1998)

The law discriminated people as such that people with same crime one with so called higher caste was fined some pennies and the other with lower caste was executed. (Khatiwoda, 2021)

Though the punishments seem to have fallen away, discrimination against untouchables is still a part of everyday life in Nepal and India. With literacy and revolution such discrimination is on a wane. Still some form of discrimination is there but overall the system is much better than that of 100 years ago. (Cameron, 1998)

The spiral way is narrowing towards equality.

### Progress of Female Condition

Similarly the situation of women in societies has also been moving in a spiral way.

In the ancient text of the Vedas, (in *taittiriya Samhita*) women and men were considered as the two-wheel of a cart. These lessons were good examples of equality between men and women. The accomplishment of Gargi, Maitreyi, Sita, Draupadi, and Alapawere celebrated. These women were competitive with men in many fields and also received and enjoyed their rights and equality.

Somehow in the later Vedic period there was a decline in the integrity and equality. It is believed that foreign conquest is the main reason for the decline of women's status in that era. There was erosion in the Rig-Vedic ideals of fairness and harmony, which deprives women to enjoy their right to study the Vedas, recite Vedic mantras, and practice Vedic rituals. Women were forced to get married and or involve in domestic life and have an indisposable devotion to their husbands. At that time parents were ashamed of the born of a girl child. (Roy 2022)

Later in some society system of '*sati pratha*' where women have to be burned alive with her dead husband were practiced. It was a religious, political and social

practice. "Sati" became common after the 13th century in India. It was because of the religious texts of Hindus such as Puranas, Mahabharata which talk about *sati*. Brothers of dead husbands for the rights of paternal property or power (in case of rulers) used to burn the wife of their dead brothers for the sheer greed of their fathers resources. Many families were afraid that after the death of her husband the woman may go astray thus *sati* was the solution for them. (Francis 2002)( Samsuddin 2020)

Since the abolishment of *sati pratha* the focus has been shifted to different perspective.

Women in the name of religion used to get married before menarche. The voice that 'females should get married after 20 years of age'stated being raised. Females started seeking rights of education. The education of girls in India in the 19th century took great hype and opposed against the patriarchal norms which were against their education. In the Education Dispatch of 1854, a huge pressure was built on female education. This resulted in a number of girls' schools being set up in different parts of India. Now in most part of India and Nepal the literacy rate of female has increased. (Roy, 2022)

During the pathway the powerful people in the society specially *Brahmin* and the rulers *Kshyatriya* in the name of law or of religion tried to stop the rights of women and minorized people. (Dwivedi, 2018)

Due to the impact of industrial revolution in western world and education in eastern world the voices and rights of female are being heard. Children in western world after 18 years of age no longer live with their parents.(Lynn, 1994)I believe this is the influence of women voices, A move towards equality. Why should female go to their husband house after marriage? And why should male go to the females' house? Rather go out and live separately together, a move of equality.

Eastern society in a faster rate has been following the steps of western society. Since the age of globalization and through the advances in the communication the influence has been seen more rapid than expected. There are some good influences. What better than the voice of the female being heard?

Today in some society the spiral pattern has taken a full turn. In some society it's getting near to a completion.

It's good to know that with education discrimination is diminishing and the spiral turn is becoming narrower.

### Spiral Pattern Movement in Fashion Industry

Fashions evolve consistent with the stages of introduction and adoption by fashion leaders, increasing public acceptance (growth), mass conformity (maturation), and the inevitable decline and obsolescence. Fashion theory has developed around two time frames, long run cycles, and the secular evolution of one style to the next, spanning decades and centuries, and short run cycles, the seasonal acceptance of a single style during a period of months to years. (Sproles, 1981)

For a long time, it was commonly said that fashion trends circle back every two decades. **While the 20-year cycle remains true to an extent, the advent of innovative technologies and social media has drastically condensed the life cycle of trends today.** In the industry of before, twenty years was enough time for a trend to rise to popularity, fade away for long enough to be forgotten, and return again with a modern twist. The twist is the one which takes the circular cycle into a spiral one. It seems like every 20 years, humans decide to revive the past over and over again. Currently, we are experiencing a revival of early 2000's fashion, which is right on track with the cycle. (Ariel, 2022)

Laver's Law chronologically describes fashion as it is introduced, accepted, rejected and eventually considered 'beautiful' 150 years after it was first considered current fashion. Many authors have tried to reevaluate the concept but the basic patterns remain same. (Potts, 2014)

Once the belly button pants were in trend in Nepal. The trend has gone for few decades. Belly jeans, mid-waist jeans reminiscent of the '90s era, have become a popular choice for fashion enthusiasts in Nepal, blending nostalgia with contemporary style. The belly button pants were not the same of the previous one. (Bajracharya, 2023). The pattern revolves with modifications in a spiral way.

### Spiral way in Society, Institutions, Corporate Houses and Business Companies

The business life cycle is the progression of a business in phases over time and is most commonly divided into five stages: launch, growth, shake-out, maturity, and decline.

The trajectory of change is more often spiral or open-ended than linear.”

The spiral process of an organization occurs as individuals make conscious choices not to follow the same routine or pattern that they have in the past, but instead ‘turn’ in a new direction and explore new opportunities as they arise. Even when routines are followed, changes in the environment will cause repetitive action to yield different consequences over time. (Schippers, 2023)

Rosabeth Moss Kanter, who spent years of studying declining organizations, concluded that a process similar to a death spiral may be happening to failing companies (Moss, 2003).

There are principally IV phases of societal or institutional progress or Decline, Phase I of society in development focuses on increased ease of collaboration in groups. It has stable society. Initially when the institution was started everyone had a common motive of establishing the institution. Everyone was focused for the success of the institution.

In the second phase functional society with functional social institution with relative social stability and with rising inequality is present. Here the group discusses social problems.

In phase III Dysfunctional society with inequalities, increasing social problem and dysfunction sets in. After years of success, companies have trouble managing processes when the tide turns and problems occur. Instead of looking for solutions with an open mind, companies often get caught up in a death spiral, making decisions that seem rational, such as downsizing, and centralized decision making (Lamberg, 2018, Charan Ram, 2002). Often these decisions worsen the situation, instead of making it better, and self-destructive habits include denial, complacency and cost-inefficiency (Sheth, 2007). Sheth argues that denial of the new reality and internal turf wars, i.e. territorial impulse, are two dangerous self-destructive habits that can further send a company in decline. Companies are reluctant to admit they are in trouble and instead blame circumstances outside their control. People with power will be more focused on their own benefit (whether that is of money or power) rather than that of the institution. People start to be greedier. The institution takes a hit.

Similarly in phase IV declining collapsing society Triangle of death of war famine and pandemics set in. This way the spiral way of social decline sets in.

However with practice of democracy, we can create free open and equal society where people can thrive and prosper. This way open mindedness, people open to challenge will have a working environment. People will be determined to break the negative spiral and restoration of trust and truth will occur. Societal inequalities decrease and the societal and institutional progress sets in again in upward, wider spiral way. (Michaela SC 2023)

### **Countries in Spiral Path**

Similarly the progress of overall countries also is in a spiral way. What better than discuss the progress of the United States?

The development of USA started from the early 19th century, when the industrial revolution came to America. Many factories were built in Northern cities such as Lowell, Massachusetts. (Kennedy, 2006) Most of them made clothes. This was the beginning of spiral pathway in the modern era. The late nineteenth and early 20th centuries, the U.S. started being more active in foreign affairs. In 1898, the United States fought a war with Spain called the Spanish–American War. USA entered World war late supplying arms and ammunitions and after the World war I, the United States was one of the richest and most powerful nations in the world. (Sunday, 2010)

The 1920s were an era of growth and increased wealth for the United States. Many Americans began buying consumer products, such as Model T Fords and appliances. (Lynn, 1995)

Similarly in late 1920s, a Great Depression hit the United States. The stock market crashed. Many banks ran out of money and became closed. (Hall, 2009) By 1932, over a quarter of the nation had no jobs, and much of the nation was poor or unemployed. (Sümer, 2023) You can see spiral pathway in it.

The Great Depression was ended by World War II because the war created many jobs. (Smiley, 2002)

This was the end of one spiral cycle for USA and the beginning of next.

After World War II, the Soviet Union and the United States were the two most powerful countries left in the

world. The United States once again had prosperity. Millions of white people moved out of the cities and into suburbs, and into Southern and Western states known as the "Sunbelt". (Weinstein, 1985) They bought new cars and television sets.

The prosperity continued. USA even won the cold war. This second spiral turn of modern USA has now been tested by the challenge imposed by the alliance of Iran, China and Russia. (Ahrari, 2001) This anti US nexus will determine how the spiral turn of USA will progress.

Such kind of spiral progression or death spiral in some context happened to the Great Britain and other influential civilizations.

### **Spiral Pathway in Life**

A child with a spiral turn in his life changes into old man. They say an old man is like a child. The old man dies but the energy given by him cannot be destroyed. Law of thermodynamics states that the energy can only be transferred from one form to another. (Cengel Runus) Lambs eat herbs, Man eats Lambs. Man dies and the remains of a man are used by herbs. But the same herbs are not there to absorb energy from the same man. Nature by default takes a spiral turn.

### **Spiral Turn in Philosophy**

The egalitarian society was more or less communal. Since the development of farming was started small countries started to be formed. Countries then needed kings. Those were the time capitalism started being dominant. There were philosophers like Hegel who lobbied for the existence of States. For Hegel, 'The state consists in the march of God in the world, and its basis is the power of reason actualizing itself'. (Kain, 2016)

This was the time the powerful people using nationalism started unnecessarily taking benefits from the poor and the marginalized. State societies are stratified. There are large differences in the wealth, status, and power of individuals based on unequal access to resources and positions of power. Socio-economic classes, for instance, are forms of stratification in many state societies. (Morton Fried) Then the thinkers like Carl Marx came. He said –'if the country is god why are not the gods looking after poor people?' He developed concept of

Communism/Socialism. He even said 'He has inverted Hegels dialectic which is standing on its head'. (Karl marx) Many influencers and leaders are influenced by the ideas of Karl Marx. (Blumenberg Werner) But since the end of cold war, and the end of USSR Communism influence waned. (Mueller, 2022) Capitalism started becoming more prevalent. Socialism is a popular concept among common and poor people. Socialism is also a critique of capitalism, and is a proposal for its replacement. Even the rulers of capitalist nation give the lollipop of socialism to their people. Most of the capitalist country now a day's provide or try to provide the basic rights of education, Health, Food, Shelter free of cost or at a minimum price. (Gilabert, 2019)

The progress of philosophy is somewhere behind a complete turn of spiral way. Though a perfect capitalist country and a perfect communist county was not there the implementation of philosophy is moving towards being egalitarian in a spiral way.

### **Small Countries**

The importance of small country was there when the farmers started building cities. Back then the cities (small countries) were fighting with each other without realistic progress. Then the conquerors like Prithvi narayan shah came who unified cities in the Himalayas and made the kingdom of Nepal. Similarly Otto van Bismark was there to unify small states into a bigger Germany. (Trojan Serhyi) (Thapa, 2023)

With the progress of civilization the importance of small countries is on a wane. One of the reasons USA is powerful is because it is united with states as big or as bigger than most of the countries of Europe. The USA is big because its states have united against the European invasion. Europe has also become united as European Union. China, Russia and even India are big enough to compete. States have realized that to be powerful you have to be united. (Bryne Alex) (Goodison Paul)

This is a sign that the world is moving towards a state of being stateless. This might take several decades or centuries but we are moving towards one of the principle of communism i.e being stateless as like in egalitarian society. (Arendt, 2002) At least today we can say the importance of small country has slowly gone.

Today human are in progress mode. Humans have surpassed survival mode. More people of today die because of eating more than because of not eating enough. (Jackson, 2014) The resources are being abundant. We never know. If only we can survive the disaster of nuclear war or global warming, the egalitarian/stateless society of the future after turning a spiral way will be there in a different form than the one before.

### Sports

Today the dominant style of soccer in the world is Total football (a tactical system in which any outfield player can take over the role of any other player in a team.) made famous by the current head coach of Manchester city football club 'Pep Guardiola'. He was the disciple of John Cruyff who was inspired by the Dutch coach Rinus Michels. Almost every major clubs and country in the world now likes to play from the back. The players enjoy being comfortable with the ball. Everyone in the field is like midfielders. Now a days the difference between a center half and striker is less. This was not the case before. (Barlow, 2023) (Georgeyates, 2022)

Different brands of football used to be played before. The famous ones were that of English, German and Italy. English style of play employs long lofted balls up field and crosses into the middle as opposed to shorter ground passes. The play was entertaining for spectators because it was end to end game. But the system was not that successful against ball playing teams like Brazil, Argentina and even Germany. That is one of the reasons England are not that successful in worldcups.(David, 2023)

The total football system popular now was once used by Austrian Wunderteam of the 1930s or the Golden Team of Hungary of the 1950s. But after a spiral turn even English players are playing the ball possession games. The pattern of play in soccer has taken a spiral turn.(Simpson, 2013)

### Cinemas

Form the initial days of cinemas the basic human sentiments shown were inEarth. After one spiral turn Marvel cinemasnow are showing the similar action sequences and similar human sentiments but the space and other planets are being explored. (Lewin, 2019) Most

other film industries in the world are somewhere in the middle path of spiral turn. Hollywood is the one who is more advanced and has taken one complete spiral turn.

### Share market

One of the influences of capitalism –shares market also takes a spiral turn. Adam smith said people are greedy but the market corrects itself.He was well aware of the greed of the people but he said Government should leave the economy alone and not interfere with the "natural course" of free markets and free trade.(Viner, 1927) The theory had limitations but similar pattern are seen in shares market. The Shares market keeps rising but the trends are not even. With every rise there is a fall but the fall is not to the initial stage. The rise and fall is in a spiral way but the spiral structure here is always wide or increasing (S and P 500).

### Why 'Almost Everything' Not 'Everything'?

This is because there might be some exceptions. There might be some limitations of my knowledge. May be some other galaxies (whose movement is not spiral) will have a different form of basic structure units like DNA. The movement in that planetmight be elliptical or may be irregular. The animals there might not need food for survival. They might just need light (photosynthesis) or something other than food to survive.

### What Happens Next?

One thing is sure whoever has the rights to distribute resources will be dominant. Male are outgoing, focused and goal oriented. They may find some other revolutionary ideas like going to space.The humansmay needs Mars or any another planet to survive. That time again male will be dominant. That will take another spiral movement with dominance of male. May be female will revolutionize with some other ideas and be dominant. Remember females still have power of reproduction. They are better nurturer, have better fine motor skills and are better communicator. (Helen fisher, 2016)

At the mean time we have to be aware that there is always a chance the black hole in the middle of galaxy can engulf sun/earth. Nothing lasts forever. We have seen empire crumble. Everything ultimately has to come to an end. Nature always thinks about itself. With dominance of

Dinosaurs the Earth was going nowhere. Nature sends an asteroid. Dinosaurs were not able to come through that catastrophe. (Chiarenza Alfio, 2020) Retrospectively that was a blessing in disguise for humans. Similar fate will happen to humans as well. After thousands of years (or any time) Nature will test Humans with similar catastrophe. (Chapman Clark R, 1994) The nous is on us to survive. The presence of nature is the other reason the spiral pattern is there.

Some may argue the progress is random. This might be because the galaxy is itself moving, the world is still expanding. (Ellis GFR, 1978) If we look outside the universe we might find another pattern of movement of earth but I can see a spiral pathway even in randomness.

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