

## **THE SOCIAL ATOMIC PEN STRUCTURAL THEORY OF CHANGE**

**Dr. Mustapha Bintube**

National Assembly, Directorate of Senate, Department of Journal and Senior Visiting Lecturer,  
University of Maiduguri, Department of Sociology and Anthropology, (Unimaid), Nigeria:  
drm.bintube@gmail.com 08023586870, 0905 239 4036

**Dr.Mohammed Ibrahim**

,Department of Sociology and Anthropology, University of Maiduguri, Faculty of Social  
Sciences.

**Dr. Baba Gana Kolo**

Department of Sociology and Anthropology, University of Maiduguri, Faculty of Social  
Sciences.

**Ajibola Ismail Damilola**

, University of Lagos.

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**ABSTRACT:** The Social PEN structural theory of change is constructed on the very foundation of (Karl Popper's, 1959) deduction method of social scientific theorizing. The theory is derived from the reflection of properties of an Atom. It has been tested and proved to be sociologically stable and ontologically rooted for the explanation of change in human behaviour in the society through social PEN Structural analysis that is highly social PEN invisible, visible and PEN indivisible. The theory shows how to notice social PEN structures through sociological lens with contemporary examples on the context of Socio-economic and political fundamentals of our everyday lives. The social PEN structural dynamics take place in our offices, homes and in our cars. Individual member of the society creates social PEN structures every day, everywhere and at all time and it is a social phenomenon *suigeneris*. The social PEN theory has established a three class model as its nomological network. The theory is highly parsimonious-Ockham Razors theory for practice. The cardinal principle of the Social PEN structural theory of change has provided an opportunity for its utilization in Social investment and utility. The theory emerges from the weaknesses of structuralism and as reflection of the properties of an Atom and the method utilized in the discovery is an enhanced exploratory deductive method that is Sociologically elastic to allow the elements of inductive method as mixed or triangulation such as Focus Group Discussion (FGD) to illicit data for comparison, contraction and to cover pitfalls or chasms to enable sufficient explanation, description and prediction of human life. The theory has concepts and variables to allow phenomenal classification and for credible definition, explanation and predictions thus; Social PEN invisibility, social PEN visibility and social PEN indivisibility. Furthermore, this thesis has captured introduction, the Social PEN theory balancing natural, social phenomenon, a sociological handshake with chemistry in social scientific theorizing. Compelling sociological questions are presented to achieve both specific

and overarching objectives. Problematic statements and justifications for the discovery of the social PEN theory of change are presented. The basic assumption, the social PEN theory and power outage and man in the dark spot are examined to notice change in behaviour of human in darkness. The social PEN theory argues that, humans produce social PEN structures and those structures are Atomic in nature and men continue to do so everyday and everywhere. Those structures are around them and they create them on daily basis through social interactions in their homes, offices, cars and everywhere. The transformation of those structures is determined by the individual members of the society's activities and their relations to those structures produce tremendous meaning as social facts, some are seen while others are not very apparent, but have the social strength to migrate to the PEN visible stage provided there is perfect interplay of the PEN social energy of (+-n) for change. The social PEN structural theory of change has with it the characteristics of social PEN visibility, PEN invisibility and social PEN indivisibility of giving description of a structural change and they exist as we relate with members of the society in our everyday social life to produce meaning with consequential effects on other possible social relationship to cause change or modify individual behaviour. The thesis has presented analytical examination of array of sociological thoughts: what necessitates structural change. To simplify and improve on comprehension for better understanding of the theory, a discourse and operational definition of basic components of the theory has been highlighted as follows: social PEN protoneous (p+), (ii) social PEN electroneous (E-), (iii) social PEN neutroneous (n), social PEN energy (+-n); Social PEN invisibility and its inverse relations to PEN visible structures and social PEN structure. More so, the cardinal principles of the social PEN theory has been highlighted. The thesis has captured deduction as a process of reversal of existing phenomenon only, the one discovered through systematic step-by-step stages of Induction and methodological design has been highlighted. Also examined here is the social PEN structural theory of change at a glance and a standard view of social PEN structural theory of change with examples on suicide phenomenon in the context of subcultural pluralism and presented five classification of suicide as (i) PEN Lone-Pathological suicide, (ii) PEN molecular suicide, (iii) PEN elementary suicide, (iv) PEN composite suicide and PEN indivisible suicide. To gauge the strength of the theory, the following were interrogated and discussed thus; the social PEN theory; socio-economic and Political Fundamentals of everyday Life, social utility and investment, the Social PEN theory and its relations to objects around us while citing example with the Interior of a car, social PEN structural approach; interagency collaboration and change, specimen grounding; logical deductive approach of abstraction; discovering the social PEN theory of structural change, social PEN theoretical approach and organisational fundamental, social PEN theory as a driver for the enhancement of interactive situation and the social PEN structural theory of change; students' life and then concluded with critique. When social PEN are entrenched to play role equivalent to suggest invisible structural issues are reasoned, identified, tackled and to be dealt with to achieve desired change and for a society to experience social progression to the uppermost structural stage while rescuing individual members who are less empowered from being lone-pathological (E-) drain incapacitated members of the society. The social PEN structural theory of change also, holds the belief that our quest for better description and prediction about the social world should be as 'inside outside sociological'. Concrete concepts are discovered in social PEN structures as

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sociological concepts viz; social Protoneous (+) with positive social value of capital resource element, social Electroneous (E-) with negative social value of human resource element and social Neutroneous with (N) social value of societal norms for calibration and recalibration of any situation to change to context and relative equilibrium and constructs were formulated to enable description of elements of social phenomena. Logical deduction process of theorizing applying a theory founded on the basis of induction utilized the specimen and inferred on 'Atomic properties' for sociological study. Another feature which makes the social PEN structural theory of change formidable is its characteristics of 'invisibility of the visible stage of phenomenal investigation and the capacity to change from one form to another to inform subsequent change at macro stage of a social phenomenon. This suggests classifications of social life as containing structures that are socially PEN invisible, visible and PEN indivisible with social energy (+-n) of PEN to synthesis social phenomenon. It explains much of social bonding to enhance harmony of the social PEN structure to reproduce social capital in the process of change chain. The theory carves its niche based on the reversal of an empiricist phenomenon of an atom in relation to social life which characterizes sociological handshake with natural physical phenomenon in chemistry in social scientific theorizing. Constructs, variables and concepts are presented to ensure the social PEN structural niche for sociological theorizing. The social equation has ensured theoretical saturation by logical deduction process of abstraction. The social theory of Atomic PEN structural change shouldn't be misconstrued for symbolic interactionism of Herbert (Blumer and George Mead), which emphasises the production of meaning out of interacting with symbols, but the social PEN structural theory of change sees change from the perspectives of Atomic properties in relations to social structures, which are socially PEN visible, invisible and social PEN indivisible. The interactionist perspective provides dichotomy which suggest classification of self along the theoretical plane of 'the me', 'the I' and the generalised 'others' point of view. However, beyond that, the social theory of Atomic PEN structural change has provided concrete variables as PEN structure of P+, E- and N for better description and prediction of a phenomenon. The theory has nexus with other social theories as the (Charles Right Mills,) Sociological Imagination but significantly different from the social thoughts of Mills in many respects. Mills sociological imagination sees change from the perspectives of others' opinion with variables such as social economic and political antecedents of the demography for change which have been over flogged by previous researches, but the social PEN structural theory of change argues that change is driven by social energy of (+-n) spectrum and it is inherently built in all mega structure at the Atomic level change with the strength of coiling to form and combine social webs of relations with elements of a phenomenon to cause change to inform upper level stage in change series. The social PEN structural theory of change is not the learning modeling of (Evans Pavlov and B.F Skinner's) operant and classical conditioning theory, nor the cognitive mapping theory of imagination, but it's a social theory, which contains the social P+, the social E- and the social N to serve as societal norms as calibre to calibrate and further recalibrate the social system to context and relative equilibrium, ensuring peace for developmental activities to take place. The social PEN theory is also not the Maxwell Atkinson theory of 'coroners' of suicide deductive of ethnomethodolog of (Harold Garfinkel and Zimmerman,) driven by 'mind as the reflections of the pattern reflexive' but the social theory of

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PEN argues that humans produce social PEN structures and those structures are Atomic in nature and they are around them created on daily basis through interactions in their homes, offices, cars and everywhere. Lastly, further illustrations and discussions on social PEN structural theory of change has been presented alongside a Critique.

**KEYWORDS:** Social PEN Energy (+-n), Social PEN Structure, Social PEN Invisibility, Social PEN Visibility, Social PEN Indivisibility, Social PEN Protoneous (p+), Social PEN Electroneous (E-), Social PEN Neutroneous (n) as Societal Norms for Calibration of Social System to Context and Relative Equilibrium

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## INTRODUCTION

The Social PEN structural theory of change was first discovered by Dr. Mustapha Bintube in 2019. Dr. Bintube is of the Department of Journal, Directorate of Senate, National Assembly and Senior Visiting Lecturer, University of Maiduguri, (Unimaid), Nigeria. The Social PEN structural theory of change was constructed on the very foundation of Karl Popper's deduction method of social scientific theorizing. The theory rests on the thrust of (P+, E- and N) as variables for providing sufficient explanation, description and prediction of a phenomenal event around the world. It is powerfully situated on the pivots of (P+, E- and N) which require protoneous (P+) capital resource, electroneous (E-) human resource and neutroneous (N) social norm to play the role of calibration of any social system for balancing to context and relative equilibrium. The P+, E- and N (the social PEN) must play the role equivalence to inform change of any structure from Atomic invisibility stage to a more visible structural stage in the change series. (Robert K. Merton, 1968), (Karl Popper, 1959). The (P+) is the capital resource element of social PEN theory and the (E-) is the human resource element while the (N) is neural element which is the social norms of the society and it plays the role of calibration and further recalibration of any phenomenon to context and relative or slow equilibrium. Therefore, for any change to take place we need the three elements of the social PEN theory to work simultaneously and in harmony to ensure role equivalent of the PEN components for change and social progress of mankind. (Emile Durkheim 1938) (Zimmermann, D.H, Wrender, D.L. 1971) (Gafinkel H. 1967).

Furthermore, in another sense, the P+ and E- represent capacity building response and social capital potential entrenchment for change in structures, social, economic and political to contain dynamics of the society that is rapidly changing. The theory holds the belief that transition of any social system begins with social PEN structure of invisibility that is atomic in their characteristics to attain the PEN visibility. The social PEN structure is an unobservable phenomenon which moves any structure in our relations with others directly or indirectly to inform change due to social PEN energy of (+-n). It cannot be seen but, sociologically be imagined. This is reminiscent of Charles Wright Mill's approach of sociological imagination, but the social PEN theory is distinct from Mills theorizing and has classification of variables into (P+, E- and N), (Charles Wright Mills, 1974; Taylor H. 1869, Durkheim and Mauss M, 1703).

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Does it mean the social PEN structure exists? Yes, it does, as social reality, but not very apparent and the change is guided and reinforced by the N normative dynamics and supported by social PEN forces of (+-n). It is there as 'objective reality' and it is real because it has a structure as well as behaviour and components for classifications and characteristics for study. It has configuration as social class for the description of hierarchical status within a system in the society. For example, the social PEN theory can give sufficient description of caste system in Hindu society. The social PEN theory can provide explanation on occupation and hierarchical positions in an organisation in relation to capacity and resource. The PEN structure plays different roles of social protoneous (p+) capital value of liquidity of a system for change in behaviour, the social electroneous (E-) to provide the role in defining individual resource to improve on man's power for smooth production of material things in an industrial life, (Emile Durkheim, 1938, .Karl Marx, 1978, 1867], Talcot Parsons, 1937).(Zimmermann,D.H, Wrender, D.L.1971) (Gafinkel H. 1967)(Auguste Comte, 1986) (Robert K. Merton, 1968).

The social PEN structural theory of change is so powerful that it enables professionals such as a lawyer, psychiatrist and paramedic to further employ the social PEN structural analysis to determine the social causes of a problem associated with human and their line of argument and the extent of exposing the weakness right at invisibles atomic PEN structural stages of change. For instance, in law practice, the accused or the defendant can win the case provided there is sufficient Protoneous P+ capital positive social value and Electroneous E- human resource value of appraisal and sponsor respectively. (Kinsley Davis, Wilbert, E. Moore, 1967, [1945]).

Again, politicians stage campaign to talk to their electorate to win in their contest because they understand the directions of (+-) social PEN structural forces of (+-n) in politics, which they tactically transform to open up political opportunities against their opponents. They recognize the fact that there is social PEN political structures such as the grassroots politics and value them as socially indivisible political structure and grassroots politicians as the local champion who are not visible at the upper level political platform as either parliamentarian or as governors in the government house. Yet, they remain powerful as socially PEN indivisible cause of winning such elections. Any sociological analysis must begin with the social PEN structural analysis to inform the formation of other structures and to be projected to the macro stage by the PEN social forces of (+-n).(Kinsley Davis, Wilbert, E. Moore, 1967, [1945]).

The social PEN structural theory of change holds that, individual members of the society carry social PEN energies (+-n) within them which make it possible for social relations and attraction with others, especially in our today's world of high technological penetrations. (Zimmermann,D.H, Wrender, D.L.1971) (Gafinkel H. 1967)(Auguste Comte, 1986) (Robert K. Merton, 1968).Man is reacting and counter reacting consciously or subconsciously to social PEN invisible structures built around technologies in his very social milieu to inform change in behaviour due to social PEN energies of (+-n). For instance, individual members of the society carry within them the social PEN energy of (+-n) which has relationship with his social milieu dominated by IT facilities that are preponderated in cities, urban semi and sub-urban areas. The impact of such IT facilities on man's behaviour, his relationships and decision may inform



further actions or inactions that may affect his relationship with groups and others in the society.(Robert K. Merton, 1968), (Karl Popper, 1959).The relationship of man to his ecosystem has social PEN invisible fundamentals which are significantly linked to his existence as human and the impact is high and socially immeasurable. These dynamics may bring about relative change in structures around him with (P+E- and N) capacity for further change and development of mankind. Man's social milieu is severely polluted due to urbanisation and industrialization. .(Emile Durkheim 1938) (Kinsley Davis and Wilbert E. Moore 1967, [1945]).

The combustion from heavy duty machines releases socially PEN invisible charges and have consequential effect on our every day activities as human with capacity to change in our attitude, thinking and behaviour. Also, there are effects of vibrations of waves and telecommunications equipment and installation such as 4G and 5G as man's creation which has relationship with human activities in the society. All of these combine to have social PEN invisible forces for structural change with effects on individual social life in the society. They are real in their social PEN indivisibility and the dynamics between man's social activities and IT driven facilities, installation and equipment, developed to improve humanity has the potency of producing charges which bring about change and such socially PEN invisibles forces of (+-n). For instance, from mast signals, radio waves and similar frequencies and radioactive dissonance and mobile networks that are socially PEN invisible which change the behaviour of man with impacts are everywhere and significantly correlated with social, economic and political life of man. That affects his environment and by extension influence to bring about structural change as well as change in human cells which affects and by implications modify our behaviour and relationship of man with other individual members of the society, be it positively (+) or negatively (-). (Auguste Comte, 1986),(Robert K. Merton, 1968), (Karl Popper, 1959).

The social PEN structural theory of change was derived from the reflection of the properties of an Atom for description of man's social life and it has social energies of (+-n) for calibration to bring about change. The social PEN structures exist through interactions within a social context and carry (+-n) values of social protoneous P+ (resource capital funding), social electroneous E- (human resource workforce) and the nutreneous N element (the social norm to define change and its direction as it plays catalytic role of a stabilizer for calibration and recalibration of the social energies to bring about structural change in the society to context and relative social equilibrium); (Talcott Parson 1961) (Parson, T. 1977) (ParsonT,1955). The social PEN theory of structural change, has been tasted and proved to be sociologically stable and ontologically rooted for the explanation of change in human behaviour in the society through social PEN Structural analysis that is highly PEN invisible, visible and PEN indivisible, (Tanyintoo etal, 2011: pg16-2,),(Zimmermann,D.H, Wrender, D.L.1971),(Gafinkel H. 1967).

For instance, for any society to achieve significant milestone in structural change and to further indicate the direction of such development, it should configure and increase the frequency of the social PEN energy of (+-n) and that society must have perfect social PEN structural integration to inform subsequent change in the change chain. One level of structural analysis lower than the micro structure is missing and this is a huge sociological lacuna (gap) to suggest academic

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exercise of discovery like this one. It is called the social PEN structural analysis in progressive stage of changes, same as we have the macro structural analysis and the micro, there should also be the social PEN theoretical perspectives to issues and events in our analysis and the theory emerged from the weaknesses of structuralism: (Durkheim and Mauss, M, 1703), (August Comte, 1986).

There should be a newer level of structural analysis which exists as real and to be sociologically called the social PEN structural analysis which is utilised in sociological theorizing to mean social Atomic PEN structural level analysis to appear before any other classification because that structural stage is there and inherently built in any relations. It depicts progressive changes in the development chain. For example, in sociological theorizing to follow as social PEN structural level analysis- to-micro structural analysis-to-middle range structural analysis and then to-macro structural level analysis as chain of constructs to inform analysis of a social phenomenon and that is ontology rooted: (Durkheim and Mauss, M, 1703), (August Comte, 1986).

In that case, the social PEN structure is the vehicle which drives the society forward and it can be described as the force which enables change in the society and institutions for social progress of man and his society, in some instances. To have an all-encompassing understanding of structural change, individual members of the society are to identify not only the social PEN structures, but should also establish the strength of the (+-n) to enable the society to discover social facts and direction about any existing social phenomenon in it. Highly protoneous (P) positive capital endowed societies, the likes of African countries with enormous natural resources that are somewhat crude, require citizens with highly powerful electroneous (E-) (workforce with enormous manpower, enhanced technical know-how and expertise) to alter socio-economic and political life and to deal with structural issues at both social PEN invisible and PEN visibility stages of change chain to bring about positive (+) change. Kankiya (2012), (Karl Marx 1964), (Olu Ogunika, 2008).

Most developed nations around the world such as Britain, the United States of America (USA), France, Germany, Russia Japan, China and South Korea among others are regarded as advanced nations and in a manner sui-generis in their development fundamentals, complexes and dynamic structures as nations to achieve purposeful advancement. Those countries achieved tremendous successes to better their life simply because they recognize the fact that a well integrated and socially PEN entrenched societies maintain balance in socio-economic and political life of their population. They have exercised role equivalent of protoneous (P+) funding through investment and sometimes supported by finance and the Breton woods institutions for utilisation that would improve various sectors through sound, healthier and well integrated populations that are electroneously (E-) human resource invigorated for social progress. (Karl Marx 1964, 1840, 1978, 1867), (Hogan, M. O. 2006), (Olu Ogunika, 2008).

The facts behind the force which moves the society was explored by the sociological theory of Atomic PEN structural change to present as observations or reasoning containing the social energy of (+-n) which depicts the (P+) (E-) and (N). They are dynamic actions, reasoning and

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the fact behind social facts or any social phenomenon all are the product of the social PEN structural forces of (+-n): (Durkheim and Mauss, M, 1703), (August Comte, 1986). With all sincerity of purpose and modesty, I bow on my Sociological knees for the modernist scholars, the likes of Durkheim, August Comte, Montesquieu and the rest of the 19th century philosophers. However, society remains dynamic and we must continue from where they stopped as a clarion call to the service of humanity. The fact remains that, there is paucity of knowledge and social pitfalls which define sociological lacuna of the modernist scholars and the social theory of PEN structural change has been able to change the narratives by providing counter narratives to build into sociology as metanarrative for the description of social PEN structural change. For example, private/public sector institutions would have nipped in the bud any social problem with enormous consequential effects on human if it has shown signs of escalation of any anti-social behaviour that are structurally social PEN invisible and are there in their indivisibility.

Humans are faced with problems around socio-economic and political issues which generate enormous consequential effects. For instance, social-health related cases as Corona Virus pandemic would have been controlled before they escalate. Those structures are at their social PEN invisible stage because we can hardly notice as they will be at their Atomic stage of PEN invisibility and indivisibility. The theory of social PEN is telling us to check for those invisible structures that are highly Atomic in relation to health issues troubling members of the society. Those with health challenges are more likely to be consumed by corona virus than able bodied men and those who strictly adhere to social distancing standard are likely to be safe. Covid-19 would have been nipped in the bud and dealt with at social PEN invisible stage by restraining its escalation to its social PEN visibility. When it appears to be visible at Social PEN visibility, it will require colossal amount of social protoneous P+ capital funding in its management, coupled with enormous electroneous E- human resource around credible health care facilities for its control. This may require role equivalent of PEN and configuration of both P+ and E- and the social norm N as society to calibrate and manage for the greater well-being and sustenance of a social system in particular and humanity in general. To minimize the cost of controlling any Social PEN structural issues, we ensure perfect configuration of the social P+, E- and N for calibration of the human society. Epidemic that is highly contagious and pandemic like Covid-19 (corona virus), social and personal problem may be controlled at PEN structural stage of social PEN invisibility to ensure positive and healthier life of human society. (Postman, N. 1982) (Popper, 2005) " (Putnam R. 1983) " (Emile Durkheim 1938), (Skinner, B.F. 1953), (Eric Hoffer, 1967). Society is bound to face institutional crisis when social PEN structures are on the peripheral region lacking in overall and even integration of the social PEN energy of (+-n) to allow stabilization of the system. Change at the visible stage is attributed to differential in division of labour and its consequential effects on the volume and the density of societies. It occurs when the Social PEN elements are calibrated by the N element of social PEN theory and it happens in slow and then reach equilibrium. (Emile Durkheim, 1938) (Emile Durkheim, 1947) (Emile Durkheim, 1957).



When change transits to PEN visibility stage, the role of conscience commune, the rise of science, tradition, customs, rationality of law, morality, civilization and information technology IT would take account of further change in human behaviour in the society and it has PEN (+-n) effects to indicate the directions of change. The social PEN effects have positive (+) social as well as negative (-) PEN consequential to suggest change and to indicate direction of any society undergoing change in structures. For instance, change due to social PEN structural visibility which generates what is referred to as Anomie conditions (Emile Durkheim, 1938), (Emile Durkheim, 1947) (Durkheim and Mauss, M, 1703), (August Comte, 1986). Another angle to social PEN analysis is to examine the phenomenon of suicide which is classified into; social PEN Lone-pathological suicide; social PEN Molecular suicide; social PEN Elementary suicide; social PEN Composite suicide and social PEN indivisibility suicide. (Zimmermann, D.H, Wreder, D.L.1971) (Spencer H. 1971) (Gafinkel H. 1967) The theory believes that those who commit social PEN indivisible suicide are electroneously (E-) resource drained with negative social value of (E-) human resource. There is also social PEN hierarchical leadership structure among subcultural pluralism who were well organised with PEN formidability made up of three resourcefully powerful leader's structures to support suicide in subcultural group activities in both protoneous (P+) funding and Electroneous (E-) intelligence both as social PEN resources to enable suicide and its escalation. (Durkheim and Mauss, M, 1703), (August Comte, 1986).

When suicide occurs, the victim may face instantaneous elimination. Those around may become casualties and suffer for social PEN disintegration and that affects the passersby due to explosions and may be classified as victims of social PEN Alpha, social PEN Beta and social PEN Gamma victims in the sense of victimology. (Tanyintoo et al, 2011: pg16-2, Kankiya, 2013).The social electroneous (E-) negative social value to play the role of human resource element to ensure intelligence support to supplement the (P+) capital funding to ensure crime of suicide is committed. However, the Neutronous (N) social value as the social norms is to calibrate the (P+) and the (E-) to ensure suicide or to expose suicide by pathologically exposing those Atomic structures to macro stage before the occurrence of such crime.

The framework has provided support for sufficient contemporary examples and description of social PEN structures that are Atomic in nature with the strength of social forces of (+-n) to determine change and to indicate possible direction of individual behaviour in the society and its causal effects to other social PEN structural fundamentals. The social PEN Structural theory of change enables description of both visible macro stage analysis at institutional level and to some larger extent, invisible structures at social PEN structural level and their interpretation is possible in their inverse form (+-n) through social interactions among members of a society as well as their relation to objects within the ecosystem as indivisible in their social existence as real and sacrosanct. (Rex J. Moore, R. 1967), ( Zimmermann, D.H, 1971)

For example, the least developed nations of Africa, require a population that is well grounded with tremendous social electroneous (E-) capacity to exploit those resources to support structural alteration that would guarantee institutional integrity and formidability in social, economic and

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political institutions for projection of society to social PEN structural progression for change. This is only enabled by the social PEN forces of (+-n) to bring about the desired structural change and the role of social Neutroneous as societal norms and calibre ensuring relative calibration at interval of socio-economic and political activities for slow equilibrium of the institutional dynamics for positive change.

The social PEN theory debunked the notion that, a nation's protoneous (P+) capital generated through enhanced gross domestic product (GDP), wooing foreign direct investment (FDI) to improve on internally generated revenues (IGR) for development of institutions and by implications to improve on human capital as the social protoneous (P+) base for economic prosperity of a nation for structural change and advancement of the common good of all are achieved with hierarchical power and leadership to govern and run affairs of development institutions, with the exception of checking the population to ensure (E-) configuration, are the only things that can ensure structural change. The social PEN structural theory of change argues that, change may not take place independent of a country's population being improved to be electroneously (E-) charged citizens to manage policies, laws, rules, programmes and projects for change to occur. No significant milestone can be achieved for posterity if the populations are not considered as the number one target for social empowerment as they remain the drivers for social progress. The social PEN theory also debunks the notion and holds the belief that no meaningful structural advancement could be attained at both social PEN invisible stage and social PEN visible stages without active participation of the members of the society. Not only their participation is required but they also need to play social PEN role equivalent to compete with the rest of the population across nations in terms of resource for change and social progress of individuals in the society. Institutional structural change brings about change and that affects health, agriculture, commerce and investment only when the citizens are empowered by the government electroneously (E-) to be resourceful. (Robbert D. Putnam et al 2003), (Robbert D. Putnam, et al 1995), (Rex J. Moore, R. 1967), ( Zimmermann, D.H, 1971).

Readers may ponder about this theory and probably would have asked questions around socialising purely chemistry related concepts and their utilization in social science. All are achievable through social scientific approach and there is nothing to wonder about because sociology is a counterpart science to physico natural science and as well a science of residual, (Ogunika 2008), (Karl Popper, 1957), (Emile Durkheim, 1912), (Talcot Parsons, 1951). What about natural science concepts socially theorised, operationalised and practiced as social equilibrium? What about social dynamics density in social space as sociology? Also, (Hogan, 2006) illuminate on Mathematical Sociology which shows the transformation of all social relationship and change into precise mathematical formulae.

This branch of sociology, according to (Hoga, 2006), ignores the qualitative transformation in politics, religion and other human activities in which nonlinear activities occur. He further stressed that, Mathematical Sociology ignores qualitative nature of self fulfilling prophecy in which people believe, trust, hope and act on the expectations that social reality will emerge. All of these social conditions were deductively migrated from physico natural science to social

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science to represent social meaning held by an actor and as enablers for the interpretation of the social world as concepts which explain behaviour or human activities, (Karl Popper, 1957), Karl Popper in his book the logic of scientific discovery (1959), (Durkheim and Mauss, M, 1703), Dalton quoted in New system Chemistry reflected in (Tanyintoo et al, 201, p.16-21).

The social PEN has numerous properties and can form and combined webs of structures as a social phenomenon to represent human behaviour. It enables relations reminiscent of PEN structural dynamics and activities, hence social Atomic PEN Structural dynamics to explain change in individual behaviour and its effects on other possible structures to modify our attitude and social relationships in the society was deductively fused into social science as counterpart science which based its inquiry and arguments based on social reality, (Blumer, 1984). For instance, we get attracted to people with higher social protoneous P+ capital and the person with social electroneous E- human resource would be attracted by the person with social P+ capital for complementary and supplementary roles. Through that process change would happen and productions are enabled and investments are made easier and possible.

The social PEN structural theory of change is profiled with the basic assumption, theoretical content; methodology and critique. Various theories of social change were reviewed to show social PEN Structural link with them. For instance, the first account of Anomie was in the absence of a body of rules governing between social relations and function and at times, the ills of capitalism have negative (-) social PEN effects; (Durkheim and Mauss, M, 1703). Diverse Sociological thoughts were examined and compelling Sociological inquiries were made on what force *ab initio* necessitates structural change and hunched to challenge existing thoughts. The theory argues that any social change, irrespective of its classification, contains social energy of (+-n) and is deeply and inherently rooted in any possible structural change, both apparent social PEN visibility and social PEN invisibility, to inform further change in behaviour. Sociological theory construction, especially the one applying deductive approach, involves reversal of an existing theory only the one founded on the basis of systematic step-by-step process of induction; (Karl Popper, 1957).

The social PEN Structural theory of change has concrete variables as the basic components for classification and enumeration for definition of social situations and integration of complexities of social dynamic density of social systems in the society, especially the one involving the social PEN Structures. These are the social energy of Protoneous (P+) with positive social value (+) capital/resource funding, the social energy of Electroneous (E-) with negative social value (-) of human resource or the workforce and the social energy of Neutroneous (n) with neutral social value as norms, synthesizer or caliber for social calibration of a system to attain relative or slow equilibrium. Atom was first mentioned in 460 BC by a Greek philosopher, Democritus and later expanded by Sir John Dalton, (Tayintoo et al 2011), (Talcott Parsons 1973).

A society lacking in population that is electroneously (E-) drained, especially among officials who are saddled with the responsibility of managing institutions, the social PEN structural theory of change holds that such institutions would experience structural decay, lacking in human social

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capital and decrease in social bonding, hence creates social PEN invisible structural gaps for doing wrong, thereby affecting institutional goals. Society lacking in social PEN structural formidability, especially its members are bound to experience ills of the society such as delinquency, deviance behaviour, crime, insurgency and terrorism. This is glaring in so many societies experiencing paucity of social Protoneous (P+) capital funding to fix the pieces for change in structure with tremendous populations lacking in electroneous (E-) element of human resource for control of social ills bedevilling most of the least developed countries. The social PEN theory argues that, social progress of a given society is a thing determined by the quality of her members and entrenched social PEN elements to bring about perfect balancing of social neutroneous (N) to calibrate human activities and social systems driven by collective representation for conscience commune and for the common good of individuals in the society. (Rex J. Moore, R. 1967), ( Zimmermann, D.H, 1971).

### **Social PEN Theory: Specimen Grounding, Balancing Natural, Social Phenomenon, a Sociological Handshake with Chemistry in Social Scientific Theorizing**

The social PEN structure has characteristics of invisibility, visibility and indivisibility made up of 'Proton, Electron and Neutron' as its characteristics reversed to deductively periscope social activities of a given group from the viewpoint of the social PEN structural dynamic thus: social Protoneous (P+) social value of capital funding, Social Electroneous (E-) social value of human resource component to enable manpower and social neutroneous N as societal norms, a catalyzer for social calibration and therefore, it is fit for sociological study as Social PEN structure to inform change in human behaviour in the society.

The fact that an Atom exists and it has inherent capacity to rotate on its configuration firmly held by its orbit and in the same direction ignites mobility and social order reminiscent of Parsonian patterns that are ordered; (Parson 1937); so, PEN structure is ordered and consistent to allow the movement of an individual or group of individuals from one social class or stratum to another as they remain socially mobile. Therefore, the social PEN has the capacity to explain migration, because when a system or structure is pressurized by PEN social forces of (+-n), it moves in the same direction and it allows forming social narratives on movement up or down synonymous with vertical mobility in stratification system; (Kinsley Davis, 1956), Wilbert E. Moore, 1954), ( Hogan, 2006).

Now, let us apply 'grounded theoretical approach' to obtain the social values by 'abstracting and inverting' the concepts from 'Atomic property' while 'periscoping and inverting' social phenomenon for study as 'themes and sub-theme' to enable us define and to give sufficient description of a phenomenon for 'operationalization and social scientific theorizing' for practice. This formulation has been reinforced by (Babarawooton, 1957) in her study of crime in urban centres vis-à-vis analysis of social mobility. It can generate force (+-n) as social force for projection of phenomena to suggest further change in social PEN fundamental to form and combine in their mass to connote 'social PEN homogeneous' to form molecules in their mass to subsequently produce element which means the formation of element is enabled by 'social PEN

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heterogeneity' and complex dynamic density to allow 'steady and progressive change to inform stages which suggest social PEN structural change'. An Atom has the strength of having energy for push to further produce social energy for synthesizing element to produce compound and Elements which are of different kinds such as 'Isotope' is to their 'social PEN structural differentiation' with same Atomic number to depict social PEN structural 'homogeneity' and different Atomic mass to their social PEN structural 'heterogeneity'. (Emile Durkheim 1957)

With the combination of elements to produce compound as social PEN structural formidability and complexity to form and combine matter as a natural phenomenon as 'thing' which defines anything with weight and occupy space, same as Durkhemian social fact in Sociology as 'thing' which exist independent of the actors views and his interpretations of the social world as a social phenomenon in social science. So, an Atom has the capacity for projecting thing to its visible stage in change chain and so the social PEN structure has consequential effects to cause social change. It exists as invisible fibre to form and combine to visibility stage of social existence enabled by the PEN social energy of (+-n) for projection to bring about structural change.

In sociology, it is obvious that, that 'thing' forms and combines in its mass is made possible by or enabled by what is referred to as 'social bonding' enable by social PEN energy of (+-n) or 'social capital' in line with theorizing on 'sociological super glue'. (Robbert D. Putnam, etal 1995) and it has greater implications on Covid-19, social distancing for Corona Virus. However, when proton or electron leaves its natural stream or goes off the course, it becomes lone and in sociology it is called Pathological as classification of specimen into 'normal' and 'Pathological' and therefore, when an Atom or social situation becomes lone-pathological, will definitely lack the capacity to cohere and that will naturally face elimination and therefore, would lack the social force '(+-n) to form and combine to enable interplay' to inform further change in social behavior. This scenario can be substituted as notion of the 'social pathology' or 'abnormal specimen' as opposed to 'normal specimen' with higher capacity of social cohesion to inform social 'bonding'; (John Rex ), (R.D. Putnam).

Atom has the capacity for 'disintegration' to emit 'Alfa, Beta and Gamma radiants' periscoping 'social science' as their social disintegration to allow differentiation and further 'integration' as well as form another behaviour to inform subsequent changes of a 'natural phenomenon' and to reverse this trend is 'social integration' in social science - proton, neutron and electron (the PEN) to 'form and combine' to produce molecules is enabled by 'social differentiation' and to form an element to inform subsequent changes in the change series. So, the social PEN has 'forming capacity' for projection enable by social PEN energy (+-n), to inform subsequent 'stage of change for development'.

The behaviour of an Atom to allow 'forming and combining' can only take place when the 'PEN structures' are 'harmonious' and in agreement with one another; the reversal of the properties of a 'natural phenomenon' Atom and its behaviour in social science depicts 'social consensus' to ensure 'order and stability of PEN' for change. All these happen with orderliness of PEN guided by the 'Atomic social energy of (+-n) to allow 'Atomic bonding' for 'social cohesion' in social



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science. The behavioural changes are enabled by intense pressure at a particular temperature of social dynamic density and 'social complexity'. All these happen in human relationship oftentimes, with social PEN invisible structure and at another time PEN visible. Its 'elementary form' reminiscent of the (Durkhemian, 1912) thoughts on elementary form of religious life and these basic constituents as a vehicle for structural change and the acronyms called the social PEN structure'. We assign 'social' to PEN to depict 'Sociological imperatives'. The 'social Atomic PEN are P+, E- and (N)' which are well placed and highly 'stratified' on their configurations to mean social status and stratification and they rotate on their orbit which connote 'social mobility'. An element is made up of an Atom and an element can be seen but an Atom cannot. This is 'social visibility stage of a social PEN structure that was invisible.(Karl Popper, 1959), (Tanyintoo et al, 2011 : pg16-21)

The social Atomic PEN Structural theory of change has been discovered as a phenomenon to have ability to socially cohere because the PEN structure is ordered, independent and interdependent with one another to enable social mobility as well as stratified and configured. The theory has presented a standard view of social PEN as 'Sociological translat' which is galvanized to view any social system as phenomenal and reminiscent of the natural one. The social PEN approach is better described as 'inside outside alternated sociology to imagine back forward social world, though it differs significantly from the (Charles Right Mills,) perspectives on Sociological imagination. The social PEN Structural theory of change is potent for sociological study of any social relationship in the society with the utilization of PEN dynamics and social energy of (+-n); a dream which (August Comte,) dropped to rest in peace and (Durkheim), the empiricist who stands on the pedestal of the Comtean logical positivist school of theoretical development of sociology. Logical positivism has encouraged the examination of social life, periscoping natural phenomenon to explain human social action and interpretation of social life which the theory of social PEN structural change has discovered for the first time in the field of social sciences by Dr. Mustapha Bintube.

For me to discover the social PEN theory, and fused it to social sciences, I had series of interactive interview with university professors of physico natural sciences emphasising on Chemistry in relations to Atomic properties, series of University Seminars were held for empirical resting and validation of the tenets of the social PEN theory, and the following questions were asked, responses recorded and data gathered and analysed understanding the science of chemistry vis-à-vis social sciences in search of evidence for theorizing on the Social PEN structural theory of change to provide description and prediction about social life. 'Sir, what do you study in Chemistry? Response: Natural phenomenon. What is natural phenomenon? Response: Anything which exists but lifeless and in the form of matter. What is matter? Response: Anything which has weight and occupies space? What happened when you study matter? Response: It changes from one form to another and we study those changes and improve on them for the development of mankind. Did you say you study matter and the change in the behaviour? Response: Yes! So, you study and improve on changes noticed? Response:

Absolutely correct. So, sir, what is change? Response: It is the only permanent thing. Does change belong to chemistry? Response: No! There is change everywhere and in everything.

The conversation suggests this. So, we study changes in human behaviour in sociology to improve life; then how is Sociology different from Chemistry? The two disciplines study changes and improve on them, but one deals with life or human (social) and the other lifeless or matter, physical (natural), but change takes the centre stage for analysis of both Chemistry and Sociology. Have you ever practically seen anomie, social relationship walking in the street or the combination of tatrioxosulphate six or Sulphuric acid as they called it, heated with Sodium hydroxide in acid base reaction standing and waiting for someone in your street? Laugh! Funny, No! These are phenomenona and their behaviour and further changes can only be explained through observations. Abstract concepts are explained provided they have structure to permit dynamic, shape, composition, elements and behaviour’.

Then I continue in my interrogation: ‘those things that change, what is it all about? Response: it is called a matter and it is made up of an atom which ordinarily an eye cannot see. What is an Atom? Response: It is an invisible, powerful and indivisible particle of an element! What is it made up of? Response: Proton, Electron and Neutron. What do proton, electron and neutron do to inform changes in behaviour? Responses: They have charges to generate power, provide an atom with structure, they form an element and inform molecule and furthermore, changes into what is called a compound i.e. matter and above all they define the composition of an element and when it changes, it informs further changes. Sir, you said they are invisible. Response: Yes! But, how did you know that they exist? Response: They do exist because they are objective reality and that had been confirmed by several researches and it was scientifically tested to be true. Then I came up with follow up questions like this: Since Chemistry and Sociology study changes and improve on them, and the two are sciences, can we also study a standard Atomic structural view of the human world in Sociology as advocated by August Comte? Response: All is possible through scientific research because you stand to discover something new by projecting frontier of knowledge and it is to your credit. Comment: I will make an attempt! Response: try let us see.

### **Problematic Statements and Justifications for the Discovery of the Social PEN Theory**

This intellectual project of the discovery of Social Atomic PEN structural theory of change searches for gaps in knowledge which the early philosophers were bothered about, consistently made sociological inquiry into its existence as social reality. However, one level of analysis lower than the micro is missing in social science. This is a huge gap to suggest academic exercise of discovery like this one. It is called Atomic PEN structural stage of progressive change. So, there should be Atomic structural analysis, same as we have the macro structural analysis and the micro which a layman could not see but they exist on their very social orbit sustained by social nucleus to inform further social actions due to P+, E- and N to play catalytic role through interactions within a social context. (Karl Popper, 1959), (Tanyintoo etal, 2011: pg16-21).

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There are unobservable forces (socially PEN invisible) that bring about change or the forces that shift social structure in our relation with others. The social theory of PEN structural change seeks to provide answers and also establish the basic constituents of what Durkheim agreed to as "society emerged from its previous form", Steven Lukes (1973). It is then true to say that there was a previous form of social conditions, so complex and dynamic, which enables change in the society. This informed the shift from social static to social dynamic, (Herbert Spencer), or forces which move mechanical solidarity to transit to organic society (Emile Durkheim, 1938), (Emile Durkheim, 1947).

There are social activities informed by forces to form and combine to further bring about social grouping from community to society before mechanical society or certain force which enables static social system to translate into dynamics to see the light of the day. What kind of social force was that? What are the fundamentals which enable the progression of that previous society to mechanical solidarity or that social force which informs the Comtean teleological progression of the human society to metaphysical and to positive or scientific stage characterized by Covid-19, or the previous form of society enabled by forces to bring about transition of the *Gemeinschaft* to evolve into *Gesellschaft*? (Emile Durkheim, 1961) (Emile Durkheim, 1970)

The answer to these questions above is that the conflicting forces which drive the society are PEN (+-n) social forces of the Atomic PEN structural components of the social energy of the P+, E- and the N. These are the forces which Montesquieu could not categorically explain when asked by Emile Durkheim, (Durkheim, 1912) as reported by (Lukes, 1973) in terms of its variability which suggest classification of its constituents for which Durkheim labeled his severe criticism against Montesquieu. However, on social facts, Durkheim too could not equally provide a framework with concrete variables or classification of what constitutes the social facts, neither did he provide the constituent elements of social facts nor illuminate its structure other than social facts is representatives of all things and everything which exist with no definite shape, size, elementary forms or structure as the social Atomic PEN structural theory of change portrays. Scientists were eager to know the basic constituents of that which was referred to as social facts by Durkheim other than "things which exist independent of the actor's views and his interpretations of the social world", (Haralambus et al 1973). The Atomic PEN structural element as P+, E- and N has been discovered to ex-ray and give profile of what the constituents of a social phenomenon should be as objective reality as well as social forces driven by the social energy of (+-n) for better description and to give an account for its first level change associated with Atomic PEN structure to bring about change in the human society.

Atomic PEN structural theory of change explains the changing nature of social behaviour in some similar manner to that of an Atomic property. This is the dream of the logical positivist school and what was envisaged by August Comte, the father of logical positivism. The logical positivist school or the Comtean as it may be called, has clamoured for building such incisive line of thoughts, thinking and reasoning to establish causal relations among variables to discover newer theories in theoretical development of sociology as a discipline of study, hence the discovery of social PEN structural theory of change. The postulation of the theory is an attempt

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to serve as bridge builder to facilitate scientific maturity of social science to attain that of the natural science as advocated by the logical positivists such as (August Comte), (Emile Durkheim, 1938) and (John Rex, 1961) who had pointed out this claim in his book "Key problems of Sociological theory". It's about the essence of discoveries in both social and natural-physical sciences to enhance social-scientific investigations and sociological credentials which (August Comte,) dreamt for sociology and now left in our hands and Sociology as a discipline in general to take the centre stage and make an attempt like this one, (John Rex, 1961). Consequent upon that, (Robert K. Merton,) in theorizing followed inductive approach, same as (Emile Durkheim). Unlike in deductive approach, we reverse the process of induction, a scientific process of social investigation in sociological theorizing; (Keat et al, 1982) quoted by (Haralambus et al, 2008) "themes and perspectives" noted that, scientific theorizing should come in the form of "postulate the existence of entities which have not been observed". He further added that "sub-Atomic particles and magnetic fields all form part of scientific theories of directly observing them. Karl Popper, (1957) in his book "the logic of scientific discovery" corroborated the fact and further affirmed that, natural science produces causal explanations and describe them in terms of structures, mechanism and processes. He urged social scientists, especially sociologists to demonstrate their dexterity to specify which factors or variables determine what and at what instance and whether these mechanisms operate or not" and to provide variable content and their classification as proof of what was observed.

Structural functionalist such as Durkheim (1957), Emile Durkheim, (1961, 1938) who consistently stands on the belief of Comtean school of thought with the application of scientific techniques for discovery and explanation of social phenomenon, largely did structural but macro analysis, taking social system as their subject matter of scientific enquiry and investigation. However, social PEN structural analysis can provide the discovery of social forces of (+-n) contained in human social actions and interactive situation to further determine change and its strength at another level of visibility and indivisibility.

The social PEN theory therefore, believes that such notions of dealing with political leadership with disconnect between institutions and the governed (as citizens and population) are somewhat frivolous and in a way inappropriate assumption for social progress of a given society. Again, such an assumption to bring about change is an unworthy one and the determination of any given society to achieve social change while neglecting the electroneous (E-) human resource component of social PEN theory for productivity to play role equivalence for balancing around youth empowerment is an effort synonymous to a sort of mirage characterized by utopian mentality of the highest order hence, society remains undeveloped unless the PEN elements are entrenched. The social PEN theory of change argues and maintains that structural change is a conscious effort rather than automatic or ceremonial approach to fundamental structural issues. It is achieved through activities of productive members as populations who are socially electroneous (E-) rich and wealthiest population with enormous capacity for change. Also, the population shouldn't be Protoneously (p+) capital fractured and fund embezzling.

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To achieve perfect structural change for social progress of a given society, that society must ensure productive population as a driver for change. It must socialize its members to understand and appreciate both social PEN invisible issues and social PEN visible dynamics while appreciating the global normative cultural standard and its best practice for structural change with professionalism around ethical values, self respect, sound moral standard and discipline as prerequisites for an all encompassing structural alteration and for the alignment of the institutional goals both overarching and specific ones for achieving social PEN indivisibility structural change for the overwhelming progress of mankind: Durkheim 1957) (Emile Durkheim, 1961), (Emile Durkheim, 1938).

When population of a given society is electroneously (E-) fluid with social PEN entrenched and invigorated, that society would experience relative progress and it reduces ethnic tension, enhance investment and bring about entrepreneurial activities for social security thereby curbing ills at both social PEN invisible and social PEN visible stages of man's social life. The Social PEN structural theory of change believes that social PEN structural level analysis has pattern, shape and constituents aided by social energy of (+-n). It is impactful to shape our social actions and interactive situations to inform further changes that would affect humanity as objective realities. The theory contains power of transformation and that power is highly sociological. It can be used by the social scientist and students alike in the practice of sociology as a science and discipline of study; (Karl Popper,) Durkheim 1957).

### **Overreaching Objective:**

The broad objective of this research is to discover a theory called 'Social PEN Structural Theory of Change'. The social construction of the theory is value addition and support for the transition of 'sociology to attain 'the sociology of one world' as physics and chemistry advocated by (August Comte), (Emile Durkheim) and (Talcot Parsons) reinvigorated by (Olu Ogunika, 1998). The two worlds, 'the natural' and 'the social' can be 'mirrored and inverted' to give perfect view of natural phenomenon to see social life. The two are 'inseparable' and each can be discovered to 'alternate in periscoping natural social phenomenon' through the process of 'social scientific research'. So, our quest for better description of the social world should be as 'inside outside sociological'. (August Comte, 1986), (Popper, 2005).

A coin has head and so it does tail and the two are 'inseparable', same as the 'Sun and the planet earth'. And so, 'social phenomenon and natural phenomenon can be alternated to see back forward social world'. This study obtains social value of Atomic properties through 'deductive-grounded theoretical approach' by 'abstracting and inverting' the concepts from 'Atomic property' while 'periscoping and inverting' social phenomenon for study as 'themes and sub-theme' to enable us define and to give sufficient description of a phenomenon for 'operationalization and social scientific theorizing' for sociological practice. It's a cutting edge research of reversing Atomic properties in chemistry to say more about human social action and interaction, periscoping physico natural science phenomenon to say more about human social phenomenon; action and interactive situations. (August Comte, 1986),(Popper, 2005)



**Specific Objectives:** This research examines the following specific research questions to achieve the overarching objectives of the research:

- i) What are the conflicting forces which Montesquieu called vis a tergo?
- ii) What are the social energies which drive society gradually to emerge from its previous form ?
- iii) What energized change in social structure from point-to-point, its classification, structure and elementary form?
- iv) Can we also make classificatory and/or categorization of the basic constituents of force that drives social structure?
- v) Whether or not the force which moves the society has classification, structure and elements?
- vi) How can social PEN structural theory of change explain Covid-19 pandemic and its consequential effects?
- vii) Can we test the efficacy of the Social PEN structural theory of change to examine suicide as a social phenomenon among the subcultural Pluralist in the society?

### **Social PEN Theory; Basic Assumption**

The Sociological theory of Atomic PEN Structural change typically holds that every change is informed by social PEN structures made up of three powerful but independent human elements. They have shape and space within them and are mutually connected to enable change for social progress. When one of this social elements changes in behaviour, i.e. P, E and N, it informs structural change at social PEN level and when social PEN level interaction takes place with other structures, that structure will transit to Personian middle principle of structural change to inform macro structural change of functionalism to bring about a system due to changes at different levels of social PEN-micro-middle range-macro system chain of structural changes. Within this context, any kind of change takes place in the socio-economic and political life.(Olu Ogunika, 2008).

Corollary to this, the first level stage is so crude to ordinarily conceive or notice as social PEN invisible and are indivisible. The fact that sociologists construct sociological theories utilising natural, physical, phenomenon to explain human social actions and interactions and to give sufficient description of the phenomenon in sociology connotes 'sociological transplant' of natural phenomenon to interpret social behaviour as social phenomenon to see aspects of human life; Durkheim and Mauss, M, 1703), (August Comte, 1986), (Popper, 2005). Oftentimes, people wonder why institutional change is difficult to be achieved in most fragile societies of African. (Putnam R. 1983), (Emile Durkheim 1938).

This is because such activities are handled and managed by public trustees who are electroneously (E-) drained, socially fractured and reckless in the administration of public trust and who could hardly understand the working of the system, its complexes and dynamic structures to bring about development nexus and the failure of the social neutroneous (N) to calibrate the system for change. Most societies end up swinging and sieving resources for no commensurate structural effect for social value and utility and hardly can one see an output that

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is social PEN equivalent in structural change around social economic and political circles. This quagmire would continue unless and until the social Protoneous (P+) element of social PEN are managed by electroneously (E-) empowered citizens devoid of being protoneously reckless or incapacitation of those who were entrusted with public offices as managers and leaders to guarantee and improve on social neutroneous (N) for perfect calibration of the normative cultural standard to checkmate excess and shortcoming of human in the society for change. (Blumer H. 1962) (Blummer, 1969), (Talcot Parsons, 1937).

The social PEN structural theory of change assumes that individuals create structures with pattern around them. (Talcot Parsons, 1951). These structures oftentimes, affect the individuals' lives and consequently, amplify their behaviour and that of others. The social PEN Structure is inherently built in our everyday lives and it allows series of social actions to enable interactions and subsequently form patterns of interpersonal relations to take place within social structure. (Mills J.S and Taylor H. 1974, [1869] (Robert K. Merton, 1968). Individuals consciously or subconsciously create series of social PEN structures through interaction on daily basis. Such structures, in their inverse form affect, shape and control their lives. (Haralanbus and Holborn, 2008) (Mead, G. H. 1934) (Marx Weber 1947).

This social PEN structure has pattern, behaviour, shape, size, orbit and the strength of relationship with other forms of social existential in their respective classes of configuration to ensure building patterns to define the social nucleus which rests on the social orbit in our social relations with others. (Karl Marx, 1964, [1840]). The theory also assumes that, since those Atomic structures have patterns, they could have the capacity to define any social phenomenon. Any phenomenon, with the characteristics of an Atomic PEN structure is fit for scientific investigations and hence the discovery of the social PEN structural theory of change. The theory also assumes that it has the social energy and strength (+-n) to determine possible direction of change and it can cause upper level change in man's life. (Haralanbus and Holborn, 2008), (Mead, G. H. 1934) and (Marx Weber 1947).

When the social PEN structure of social protoneous (P+) capital disintegrates, and the social energy of the Electroneous (E-) human resource diminishes or in a state of extinction, then it is practically impossible for the social Neutroneous (N) norms to calibrate the social system to suggest change in the directions of the society. Then the society would begin to experience dysfunction and as a result human society is bound to face failure of its basic constituents; its laws and rules because the social P+ is lone and incapacitated to form and combine social capital by way of collective conscience and representation of the social system due to insufficient, total absence or diminishing state of the social electroneous E- manpower as social energy and driver for change. (Robbert D. Putnam et al 2003), The society and its constituents that were built on the basis of mutual consensus transit from its normal stage to a gradual and lone- pathological and in another sense push society to what (Durkheim) called Anomie conditions with the aid of PEN social energy of (+-n) to experience failure: (Robbert D. Putnam, et al 1995), (Emile Durkheim 1957).

This change is relative to the group's social bonding reflective of social PEN structure and this viewpoint has been corroborated by (Putnam R. 1983) and, this is what (August Comte, 1986), (Spencer H. 1971) (Darwin, C. 1968) (Douglass, J.D. 1967), refer to as structural 'disintegration' to cause 'differentiation' and transformation as by-product of social dynamic density of the P, E and N. All of these conceptual variable contents of social change will take place within a structure called social PEN structures that are Atomic in nature with the social energy to cause change in the activities of man in relations to other social phenomenon for further change of the society.(Emile Durkheim, 1934), (Hogan, M. O. 2006), (August Comte, 1986). The social PEN structural theory of change provides context for explanations of these social activities and it remains the framework for the explanations of structural and social integrations. The social PEN structural analysis gives sufficient descriptions of an informer for structural transformation everywhere, irrespective of where you are, who you are and it takes the form of social context, but relative to system of analysis at anytime. It facilitates change at Atomic PEN structural level and has inherently built-in mega structures; social institutions (socio-economic and political life) to suggest further stage of development of the society or social system as the structural functionalist want us to believe.

Theorizing on social PEN structure of change has provided a means to give sufficient descriptions of other social phenomena and their behaviour, which are potent enough to cause further changes in social life. It also gives more reasons for why and how a society changes, as well as offering an explanation on its complexities and dynamic density conditions for the changing nature of man and his environment as an influencer to inform upper layer progressive changes within the ecosystem. (Emile Durkheim, 1938)(Spencer H. 1971) (Darwin, C. 1968) (Douglass, J.D. 1967)(Putnam R. 1983).The social PEN structural theory of change argues that every individual contains social energy within him which denotes (+) and (-) to facilitate and define the directions of social actions to inform social relations and pattern for social relationship to happen and they are built through social conversation. Man consciously or subconsciously builds patterns upon patterns every day to suggest structural change in the society. See examples below:

### **Social PEN Theory; Power Outage and a Man in the Dark Spot**

In our subconscious mind we get into dark places such as rooms, throw an object, say on the bed, and in our subconscious mind, we know where exactly that object would get to drop despite the fact that the room is dark and objects are invisible in darkness. We hold the belief that they are sociologically visible and we can relate with those social PEN structures that are Atomic in nature and conveniently so in their existence as social reality, (Emile Durkheim, 1938). Conversely, a stranger may not notice such structures that are highly Atomic to allow social relations due to their invisibility as the stranger lacks relations to those structures which you have socially constructed over time and sustained with perfect relations on daily basis through social interaction simply because, the stranger was not part of the active construction of those social PEN structures which you had constructed around you or in your house, office or inside your car.

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They are invisible to the eye, but they exist as real and the mind can imagine them sociologically: (Mills, J.S. and Taylor H. 1974). Also, they are inherently built, in fact the social Atomic PEN energy of (+-n) is to determine the directions of such structures and as well indicate perfect change due to the social forces which they fused into mega structures and they sustain them. The room, as a social system of relation to man, enables building structures that is Atomic and interacting with objects around you. Eventually we construct social PEN structures for changes to happen in our rooms and around us. That makes social PEN structural social forces of (+-n) as a social phenomenon. (Mills, J.S. and Taylor H. 1974).

The structures cannot be seen with eyes for apparent lack of light, especially in darkness, but we still relate to pick anything kept in that room which a stranger cannot and as support for sense perception to enable such physical interaction in spite of the fact that your stimulus are active. Because of the social forces of (+-n) of such structure as it exists even in darkness (invisible with its existence as indivisible), yet our eyes which cannot see in darkness recognizes such social PEN structure around us and allow interactions with them. You may conveniently get into your room when there is power outage and when the room is dark and pass through to get to your bathroom and even get to pick your tooth brush but a stranger may not achieve such relations with objects in your room. All these happened because you had constructed invisible structures with relations on daily basis and you sustained them to produce tremendous meaning and to continue to exist as real even in darkness. (Rex J. Tomlinson S. 1979), (Zimmerman, D. H 1971), (Zimmerman, D.H and Wieder, D.L. 1971), (Spencer, H. (1971).

The theory shouldn't be misconstrued for Micro sociological emphasis because Interactionists such as George Herbert Mead, William I. Thomas and Herbert Blumer could only explain the interpretations of structure in symbolic way and were silent on the constituents of its composition. Those symbols are still objects that can be seen, but beyond that the social PEN structural theory of change confirms the existence of a structure built on the very foundation of Atomic property. They exist and have the social energy as power of change to dispute microsociologists' claims at the level of 'meaning and symbol'. Symbols are built upon Atomic structure and meaning is produced through social relations to further produce symbol with meaning, but the sociological theory of PEN structure argues that those meanings and symbols are generated by the members of society via social PEN structures which rotate on its social orbit. The power of such structure enables the dynamics for the explanation of the relationships between 'man and his environment' and those powers are indivisible as potent layer of all mega structures. It is neither micro nor macro but Atomic in nature and carries enormous structural social energy which enables change. It exists independent of the classification of the two, (macro and micro). (Spencer H. 1971) (Darwin, C. 1968) (Douglass, J.D. 1967)(Putnam R. 1983). Again, the social PEN structure can neither been created nor destroyed but held by very formidable social capital akin to (Darwin, C. 1968) (Douglass, J.D. 1967)(Putnam R. 1983), connotations of 'sociological super glue' as enabler for further change to occur in the society. For instance, in social statistics, which is quantitative in nature or in social scientific analysis which employs quantitative research, 0.5% is given as error margin at the end of their calculations. With the strength of protoneous (+) value,

the errors which might have been made is taken care of in the assumptions of the social PEN structural analysis about a phenomenon. This is done because there are Atomic PEN structural errors which ordinarily human eyes cannot see despite the fact that they exist as objective social reality; same as in Marxian belief of social class. Members of society make provision to take care of that and sometimes, we approximate ( $\approx$ ) those values or round them up. Those values may come in the form of either PEN components of the social protoneous (+) or social Electroneous (-) values because there are structural mistakes invisible as Atomic which man is bound to make as human and it has to be taken care of and it also has the capacity of influencing the direction of discoveries as either protoneous (+) moderate strength, high or electroneous value (-) lower obtained at the end of our calculations to take care of that. We always provide an assumption out of error because they are invisible as Atomic structure. (Rex J. Tomlinson S. 1979), (Zimmerman, D. H 1971) (Zimmerman, D.H and Wieder, D.L. 1971) (Spencer, H. (1971).

**Thesis profile:** This thesis is divided into sections and subsections as follows: (1) Introduction, (2) Social PEN Theory: Specimen Grounding, Balancing Natural, Social Phenomenon, a Sociological Handshake with Chemistry in Social Scientific Theorizing (3) Problematic Statements and Justifications for the Discovery of the Social PEN Theory of Change, (4) The Social PEN Structural Theory of change: Basic Assumption, (5) The Social PEN Structural Theory of change; Power Outage and a Man in the Dark Spot, (6) Array of Sociological Thoughts: What Necessitates Structural Change, (7) Universe of Discourse and Operational Definition of Basic Components of the Theory of Social PEN Structures (i) Social PEN Protoneous (p+) (ii) Social PEN Electroneous (E-) (iii) Social PEN Neutroneous (n) (iv) Social PEN Energy (+-) (v) Social PEN Invisibility (vi) Social PEN Visibility and its Inverse Relations to PEN Visible Structures (xii) Social PEN Structure (xiii) Social PEN Indivisibility, (8) The Cardinal Principles of the Social PEN Structural Theory of Change, (9) Deduction is a Process of Reversal of Existing Phenomenon ONLY the one Discovered through Systematic Step-by-Step Stages of Induction, (10) Methodological Design, (11) The Social PEN Structural Theory of change at a Glance, (12) A Standard View of Social PEN Structural Theory of Change: Suicide phenomenon in the Context of Subcultural pluralism (i) PEN Lone-Pathological Suicide; (ii) PEN Molecular Suicide (iii) PEN Elementary Suicide (iv) PEN Composite Suicide (v) PEN Indivisible Suicide, (13) The Social PEN Theory; Socio-economic and Political Fundamentals of Everyday Life, Social Utility and Investment, (14) Social PEN Theory as a Driver for the Enhancement of Interactive Situation, (15) The Social PEN Structural Theory of Change; Students' Life and its Fundamentals, (16) The Nomological Network of the Social Atomic PEN Structural Theory as the Three Class Model and (17) Critique of the Social PEN Theory of Structural Change.

## METHODOLOGICAL DESIGN

To avoid methodological errors, the theory has provided enhanced deductive exploratory, but sociologically elastic to enable discovery, empirical testing and falsification for scientific checks



and proof. Social PEN theory of structural change, has undergone series of seminars presentations in the university and it is highly parsimonious of Ockham Razor like theory for practice. The theory has employed deductive method as research design to contain an integrated element of both deductive and fewer elements of inductive such as interviews and FGD to elicit data for pitfalls and chasm, comparison and possible 'transplant of natural phenomenon to explain social behaviour deductively' as the method to enable its discovery and generalization of same.

Human beings cannot be adequately evaluated and explained deductively, hence the application of modified deductive method or the application of triangulations; combining qualitative and quantitative methods with grounded theoretical approach. So, the inquiry which informs the design was deliberately crafted because we are dealing with elements of natural phenomenon for adequate explanation of social behaviour to reflect social PEN structure with sufficient data that are highly Atomic in the context of social structural change and interpretations of situations in the human society. Again, because we deal with both natural phenomenon (Atomic properties) and its integration to define human social world as social phenomenon which informs the modification of methodological approach which enable the discovery of the social PEN structural theory of change as the logical positivism advocated for and further argued that natural phenomenon can be studied same as social phenomenon, (Kankiya, 2013), (Durkheim), (Darwin, C. 1968), (Douglass, J.D. 1967)(Putnam R. 1983).

### **Social PEN Theory: Man's Social Life at a glance**

The properties of an Atom are reversed to periscope society by obtaining the social PEN structure as a social phenomenon fit for sociological study. It has pattern and behaviour, shape, size, and on its very cardinal orbit, orderly and well patterned on their social configuration to ease social mobility. Because it is a phenomenon for studies, the PEN structure has the capacity of causal relations with other social existential within our social milieu. The social PEN structure has compositions and such structures are defined and are in their respective classes with pattern to enable social interaction for possible change in the society. Any social phenomenon that exists within the social space stem from or an offshoot of social PEN structure which is invisible and later form combine into visible structures.

There exists one structural stage called the social PEN structure which should inform the next level stage that should come before any level classification which are invisible but can be imagined sociologically. They appear later as the reflection to say more of the previous form reflexive only with the P+, E- and N to serve as norm and a calibre for calibration of a social system to context and relative equilibrium, (Talcot Parson,). There are numerous Atomic PEN structures which we have socially constructed at home, offices, cars, in fact everywhere and everyday through social interactions with others. Some are consciously constructed while others are unconscious and they determine the direction of our social actions and interactions in the society. They remain socially visible but not noticed activities of man and inherently built into our social relationships and we discover them at later stage of change through sense perception

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Members of the society often asked their colleagues, any news? The response could be 'no news' because complex dynamic Atomic PEN structural change is taking place within the social system. Until it informs the next stage, we then see or hear it as NEWS. Human beings carry social PEN structural energy in them called the social Protoneous (P+) capital with the power of attraction to those with inverse power of Electroneous (E-) human resource. When relations are established, attractions would happen or they may repel themselves altogether and such a dynamic social change can be understood from the perspective of the social PEN structural analysis. For example, at times an individual may have taken part in an interview and will be worried about the outcome. Sometimes it takes longer than necessary for the result to be announced and that delay can be explained from the perspective of social PEN analysis: the result is delayed because it is undergoing social PEN structural synthesis to enable differentiation to allow its integration and such action will open up window for further change in the society; (George Simmel, in Peter Kivistor, 1948).

Damilola, (2020) has provided social PEN structural perspectives to man's structural life circle. In his contributions to the social PEN structural theory of change, (Damilola, 2020) has argued and presented that everything around us is made up of Atoms. This is undeniable fact, but aside this fact, the manner in which it exists can explain virtually everything that exists in the human world down to what we feel and how we feel it. So, he emphasized that the social PEN structural theory of change should not be mistakenly perceived as just a multidisciplinary theory and its resemblance to concepts we already know. Rather it should be appreciated for its universality in application as a basic religious assumption held by humans is that, we are in this life to procreate and that, since Atoms also come together to build a compound; this is rather a fact about structural change than an assumption. However, its application to man's social life circle is a credit to the social PEN structural theory of change. We can now explain phenomenon that evolve around human life based on our understanding of the social PEN structures. The phenomenon may include how we choose a life partner, why we choose a life partner, how we exist with our life partners and down to what happens in the absence of our life partners.

This section will address the human life at a glance with keen interest on love, why we love, who we love, how we love. We have been made to understand that the numbers of social electroneous (E-), which are negatively charged and protoneous (+) which are positively charged are unequal, thus they attract each other. Now, for the sake of better understanding, let us bring out these characteristics and their representation in our love life; social Protoneous (P+) = the male, social Electrons (E-) = the female, Neutrons (N) = the society.

The protoneous P+ (male) is positively charged and the number of protoneous (P+) determines the characteristics of an atom and partly the Electroneous (E-) it attracts. This replicates the belief that in some societies, the male biologically determines what is meant to be. Based on how equipped a protoneous (P+) (male) is in terms of educational background, financial capability, emotional stability, physical qualities and more may determine what type of electroneous (E-) (female) he would attract. Like poles repel and unlike poles attract. In other words, opposites attract but without a neutroneous (N) to keep the attraction in balance and relative or slow

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equilibrium, as (Talcott Parson) believed, there would be chaos, misunderstanding or (Durkheim), anomie. The neutroneous (N) here means the society which includes the societal norms, consciousness, representation, value systems, beliefs and lots more. Protoneous (P+) wants electronous (E-) but the norm of the society will serve as a guide to determine how protoneous (P+) gets to satisfy his urge and certain societal expectations around cultural belief in relations to marriage: (Martin. R. K. 1968) (Darwin, C. 1968) (Douglass, J.D. 1967).

Opposite attracts, at the same time characteristics complement one another. This is why a protoneous (P+) charge is equal to an electroneous (E-) charge. A man is always in search of that mistress with complimenting characteristic in him. After finding this characteristic, which biologically may provoke a sense of dominance in the protoneous (P+) male, the society tends to determine how the male goes about his plan. For instance, a fact states that humans are sexual beings with feelings, although this is also applicable to animals. There are several ways to satisfy this sexual urge and meeting obligations as human. The Neutroneous (N) as societal norm then informs the protoneous (P+) male of the consequences of every option. For example, in the case of illicit sex with partner; the neutroneous (N) will inform the protoneous (P+) of the consequences of rape which may include becoming an outcaste as punishment. This then shapes the intent and purpose of the protoneous (P+) to seek for sex in a socially acceptable manner, beginning with the first approach to the female.

The application of this theory to human life is relatively circumstantial. It may differ across cultures, country, region and beliefs of human as some of these roles may change, i.e. the female being the protoneous (P+) and male being the electroneous (E-) may be a relative thing and value laden. Aside our love lives that have been used to explain the social PEN structural theory of change, other events that surround us in life also follow this pattern. If you investigate closely, there is always a presence of a protoneous (P+) and an electroneous (E-). While the neutroneous (N) may remain constant to be the society, the protoneous (P+) and electroneous (E-) may take different forms. For example, there can be inanimate objects in form of an opportunity and it could be a decision. Thus, everything is not just made of an atom, everything can be explained through the sociological lens of their existence as socially PEN reinvigorated and structurally so atomic; this analysis is to the credit of the Social PEN Structural theory of change, (Talcott Parson, 1964), (Damilola, 2020), (Dean, H. 1991).

For a society to discover positive structural change for development, that society must begin to empower her demography (population, young and old, male and female) with social electroneous (E-) human resource for credible work force to have the rightful human resource components to drive the system and to achieve perfect social PEN structural change and configuration as either solution to socio-economic problems or organizational one as propeller to suggest change. The society must see reason for the things around them and their relations to other things, both seen social PEN visibility and unseen social PEN invisibility in relation to social, economic and political life. They form the following propositions thus: the PEN structure is ordered and

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consistent on its configuration held by the social orbitous to define a social system. It enables social phenomenon to move from point to point due to its social energy (+-n).

Social PEN structure can socially be imagined, same as (Charles Right Mills,) did in his approach called sociological Imagination'. Social PEN structure is inside outside sociological, a process of alternating, reversing and inverting to blend natural phenomenon and social phenomenon to periscope back forward social world. We can also search and make classificatory and/or categories of the constituents. However, upon conception of 'things' or scenario like this one, which appeared to have characteristics of a social phenomenon, then, it is socially potent for scientific test. The social PEN structural theory of change has employed deduction approach in sociological theorizing as popularized by (Karl Popper's, 1959) in his interrogation and/or investigation for discovery to enable us make inference and or generalisation by reversing against the properties of an Atom in its reverse form. It is able to provide us with perfect explanations of the human behaviour, social actions and interactive situations; (Karl Popper's, 1959). Ab-initio, we searched for that 'thing' which enables human society to change from its very original form i.e. (its ontological first layer basis), especially, the one which enables progressive change of human society from one stage to another.

### **Array of Sociological Thoughts: What Necessitates Structural Change**

Luke, (1973) quoted Durkheim in his thesis on "the sociology of knowledge" as he advocated the need for classification such as providing categories of unknown phenomenon (x) into its very composition with causal effects on other structures to effect further change of the society as a result of social interactions which enable them construct their own society by themselves to ensure positive change as consequential effects.

August Comte, though inductivist, compared to Karl Popper's process of deduction has reasoned on the concept of classification of variable contents in a socially coherent theory such as social Protoneous (P+), positive social value of capital, social Electroneous (E-) negative social value of human resource and the social Neutroneous (N) as social calibre as the necessary forces which drive sociological theorizing of the social PEN structural theory of change. Classification here represents the elementary form of the social Atomic PEN structural theory of change to project human society or any social phenomenon from its simpler form into another form characterised by social dynamic density and complexity. (Hogan, M. O. 2006), (August Comte, 1986)(Spencer H. 1971).

Durkheim has also consistently acknowledged the fact that human society has its very first source", but he could not explain further to the level of its social and objective constituents, including the dynamic density of society. He strongly maintains that "society has its very first source". However, attempt has been made to discover the very first source enabled by the interactive webs of social PEN structure that is highly Atomic in its disposition facilitated by social PEN force of (+-n) to create pathways for the emergence of a social system called the society by employing deductive approach which subsequently provides a pedestal for theorizing

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on the sociological theory of Atomic PEN structural change. Corollary to the above, Durkheim has also acknowledged that there are collective forces which moves the society to inform change, but he did not provided categories of their social disposition such as social (P+, E- and N) which August Comte has also considered as the basic thing a social scientist should do while postulating a sociological theory; (August Comte, 1986), (Popper, 2005), (Putnam R. 1983), (Emile Durkheim 1938).

Luke, (1973) also, quoted Durkheim while saying that there are forces which objectified and projected things into another thing. Similarly, he could not also bring to our sociological notice the social energy of Atomic PEN structure of the (+-n) as the forces which change human society from one form to another and from times-to-time. Durkheim has done classical work as evolutionist and as structuralist who believed in the logical positivism. However, he did not also provide the strength of (+-n) which he should have ideally told us the direction of mechanical to organic society. He ended up giving its caricature (distinguishing features) as the society changes from simple to more complex one. Again, he also failed to tell us the basic and elementary constituents of its elementary forms of what he discovered to be known as mechanical society and what actually projected that society to see the light of the day and its sociological fundamentals to provide for the strength to determine the direction of change as (+-n) as social energy which moves mechanical society to an organic solidarity. (Karl Marx and Engels, F. 1950[1808]) (Auguste Comte, 1986), (Robert K. Merton, 1968), (Emile Durkheim, 1957).

Like Durkheim, Montesquieu also called what moves the society as *vis a tergo*, (force which moves the society forward), but the atomic PEN structural social energy is the force which ignites change and it is inherently built in any social relationship in the society as it forms and combines the (P+,E- and N) and has the capacity of collective representations of the atomic structure as a social phenomenon to form the basic and most primary form of Atomic PEN structural change. Its constituent was discovered by the sociological theory of Atomic PEN structure of change to be synonymous with what Montesquieu referred to as (the vis- a-tergo). Atomic PEN structure is the most fundamental secret behind the elementary forms of dynamic density of the society and it is the same Atomic PEN social energy which enables Comteam Teleological stage to move to Metaphysical and later lead to the discovery of the Positive (scientific stage). All these stages are built on the very foundation of the Atomic PEN structural social energy which is inherently built on all structural changes that take place in the society. It is everywhere, exists at all times also serves as the social coherence as well as the social fibre to enable elements of the society to form and combine for social mobility to suggest any form of change in the society, (Emile Durkheim, 1961) (Emile Durkheim, 1970), (Durkheim and Mauss, M, 1703).

August Comte based his sociological thesis on "Positive science of empiricist traditions drawn from a posteriori understanding of the society from experience and sense perception. Durkheim calls it social facts, (as things which exist independent of an actor's views and his interpretations of social world). Charles Darwin drew his argument from "evolutionism-bilogizing the human society". Herbert Spencer has done classical work on "Social Contract, homogeneity and



heterogeneity". However, none of these philosophers was quick to notice or particular about the elementary form of the P+, E- and the N components of the Atomic PEN structural social energy which are inherently built into what Montesquieu calls "*vis a tergo*" in Montesquieu's connotations, especially in relation to its structure, shape, uniformity, constituent elements or variable content, composition and strength of a social phenomenon. Until the sociological theory of Atomic PEN structural change was discovered through deduction, there was no explanation on the effect of its deduction of being an objective reality of the social Atomic PEN structural theory of change. Durkheim has strong conviction of the fact that all societies and those that hitherto existed have their very first source, but he did not provide further explanation on their composition and directions for change and why. (Emile Durkheim, 1961), (August Comte, 1986), (Spencer H. 1971).

The social Atomic PEN structural theory of change has been able to give sufficient description of that first source by providing its constituent components as the social protoneous (P+), social electroneous (E-) and the social Neutroneous (N) as the elementary form of anything that is said to have existed and its basic constituents of social energy of determining its directions as (+- and n) which drive the society forward at the very beginning as it is the first source to enable evolution from one stage to another. Now, the compelling questions are these: What are these conflicting forces which Montesquieu calls, *vis a tergo*? What is gradually emerging from its previous form? What is that previous form?

Albeit, Montesquieu also aptly noticed that society emerged from its previous form and that is reminiscent of the Atomic structural level synthesis to inform further level change in the society. We have given example on students behaviour of asking questions as; "any NEWS on results? The response: No NEWS; no news because, the results are undergoing an Atomic PEN structural synthesis of social PEN invisibility, until it transforms to the next level of progression by the dynamic density and interplay of the social PEN to cause further change to the level of students notice via the notice board of social PEN visibility.

The sociological belief which Herbert Spencer acknowledged is that society is not static, but rather dynamic. The social PEN structural webs that are Atomic which according to Montesquieu's description means (conflicting forces and/or *vis a tergo*) which are formed and further coil to one another to enable social dynamic situations to come into play and possibly cause further change in the society. (Hogan, M. O. 2006), (August Comte, 1986)(Spencer H. 1971).

To have an all encompassing understanding of structural change, individual members of the society are to identify not only the social PEN structures, but should also establish the strength of the (+-n) to enable the society to discover facts and direction about any existing social phenomenon in it. (Emile Durkheim, 1961), (Emile Durkheim, 1938). Durkheim could not trace the origin of a form of previous society that created pathway for the emergence of mechanical solidarity which the theory of Atomic structural change seeks to address. In all sincerity, I bow on my sociological knee for modernist scholars like Durkheim, August Comte and Montesquieu,

but society remains dynamic and we must continue from where they stop as a clarion call to the service of humanity. However, the fact remains that, there is paucity of knowledge and social pitfalls which define sociological lacuna of the modernist scholars. The theory of Atomic PEN structure has been able to change the narratives by providing counter narratives to build into sociology as mega narrative for the description of Atomic PEN structural change. This is sociology and its fundamental principles of theory construction for the attainment of the 'sociology of one world' as physics and chemistry advocated by (August Comte, 1936), (Emile Durkheim, 1961) (Emile Durkheim, 1938), (Talcot parsons, 1957).

### **Universe of discourse and Operational Definition of Basic Components of the Social PEN Theory**

The theory identifies three PEN stages of change to enable any possible change to take place and these stages are formidably held together by an Atomic PEN structure called the social energy as a driver for social change and transformation (+-n). They maintain their social relationship on their configuration firmly held by the social orbit. Individual socio-cultural background in a diverse social grouping is seen by the social Atomic PEN structural theory of change as the social nucleus which holds and defines the fundamentals of existence of individuals. The three stages are independent and interdependent as well and therefore, regarded as prerequisites to inform any possible change in the human circle thus:

#### **i) Social PEN Protoneous (p+)**

Social protoneous (P+) with positive value denotes the funding or capital for integration and to ensure capital support grant with social energy of (+-n) which moves the society towards the positive directions. It contains social energy to allow differentiations and integrations of the social PEN structure and any social event with positive connotations or direction for attraction.

#### **ii) Social PEN Electroneous ( E- )**

The Social Electroneous (E-) with negative social value denotes the workforce, human resource element or capacity as driver for change as social energy which moves the social PEN structure toward either positive or negative directions for the social neutroneous (N) as social norms to further calibrate the society to social context and relative equilibrium to ensure progress of mankind .

#### **iii) Social PEN Neutroneous (n)**

The social energy of Neuroneous (N) with neutral social value of calibrating the social system and its synthesis in social relationship ensures social progress of diverse PEN structure as a driver for change. The Social Neutroneous power (N) serves as stabilizer and it plays catalytic role to ensure perfect social connections for the (P+) and (E-) to interface on their social orbit and configurations to pattern to inform upper layer change in social interactions.

**iv) Social PEN Energy (+-)**

The social PEN (+) shows positive direction of change. Structural change due to industrialization or improved social, economic and political life for IT driven is positive (+) PEN direction. Lawyers win cases over an opponent counsel in a lawsuit provided he/she has the electroneous E- human resource because E- social value provides the capacity for management as he will be too meticulous to identify the directions of the case (+) or (-) and the catalytic strength of social Neutroneous (N) to facilitate and calibrate the directions of the case and further recalibrate the issues and facts raised in a case to provide path way for winning their cases.

**vi) Social PEN Invisibility**

Many people say they don't know why certain things happen the way they do. It's possible because individuals have been actively creating Atomic PEN structures with forces (+-n) to transform their lives. Has an individual ever experienced driving and simultaneously doing some other things in the same car? Then the power of Atomic structure is said to be at work at that moment because senses to look around has been limited and dynamics of Atomic PEN structural invisibility social energy exist independent of both micro and macro structures around man and he subconsciously relate with those structures without seeing them in their indivisibility. This is the assumptions which the social Atomic PEN Structural theory of change establishes as a social phenomenon.

Have you ever heard of an individual member of a society wondering and asking or commenting, he doesn't have the knowledge of why it happened that way? He may not know the reasons because an individual's mind was at subconscious level when he was actively constructing the PEN structural patterns that are Atomic in nature with causal relations to other structural patterns with social energy in them. When social protoneous (P+) capital funding, electroneous (E-) human resource with social neutroneous (N) structures as synthesizer are constructed to have causal relations with other protoneous (P+) structures, then the structures would be compounded to change its compound to another form i.e. change. Then the Atomic PEN structural theory of social change and the outcome would be visible. For instance, private, public sector institutions would have nipped in the bud any social problem with enormous consequential effects on human if it has shown signs of escalation of any anti-social vices, because they are structurally social PEN unseen, human are faced with troubles around socio-economic and political issues with problems which generate enormous consequential effects. For instance, health related cases as epidemic would have been controlled before they escalate. (Hogan, M. O. 2006), (August Comte, 1986)(Spencer H. 1971).

**vii) Social PEN Invisibility and its Inverse Relations to PEN Visible Structures**

If society is the mirror of our existence, then, the objects around us are the reflection of the Atomic PEN structure in their heterogeneous form at macro stage and they are in the realm of our social existence. Individuals shape them and they are being shaped vice versa.

Inverse of social PEN visible structures: There are invisible structures around us and that is the essence of notice board and Television including cell phone to receive information and only

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information which had escalated from the Atomic PEN structural stage to cause further form of actions and in earnest for public consumption. When development is at PEN invisible structural stage of change, man doesn't notice human activities in relation to that development until they get to the next level stage of actions in the development chain in the social PEN visibility. Then it comes to be noticed, especially when relations reach what (George Simmel, 1974) referred to as triad relations.

Members of the society often asked their colleagues; any news? No news because complex dynamic social PEN structural synthesis is taking place within the social system for instance to inform reopening of the society due to lockdown for covid-19, Corona. When it informs the next stage, we then see or hear it as NEWS. Human beings carry social PEN structural energy in them called the social Protoneous (P+) capital with the power of attraction to those with inverse power of Electroneous (E-) human resource and when relations are established, attractions would happen or they may repel themselves altogether and such a dynamic social change can be understood from the perspective of the social PEN structural analysis of change. For example, at times an individual may have taken part in an interview and will be worried about the outcome. Sometimes it takes longer than necessary for the result to be announced and that delay can be explained from the perspective of social PEN analysis: the result is delayed because it is undergoing social PEN structural synthesis to enable differentiation to allow its integration and such action will open up window for further change in the society.

### **iii) Definition of Social PEN Structure**

The Social PEN structures can be defined as the total sum of the reflections of individual's social activities carried out consciously or subconsciously to create structures which are difficult to comprehend but are there in existence. It is a man's creation and he further sustains then to enable relations with those structures on daily basis and his relations to those structures produce tremendous meaning.

The theory believes that success is the product of the total sum of Atomic structural patterns built over time with tremendous P+ and E- and their causal relations with other positive chances of winning which individual members of the society have constructed over time without them realising because their construction is within the realm of subconscious mind. The power contained in that structure might have affected some other possible social situations with either P+ or E- to suggest its success.

Social Atomic PEN structure is ordered and consistent on its configuration held by the social orbitous to define a social system. It enables social phenomenon to move from point to point due to its social energy (+-n) of Atomic PEN Structure of the social P+ capital funding, E- as the human resource and N as a calibre for calibration and recalibration of a social system to social context and relative equilibrium.

Social PEN structure has provided a description for continuous change in the structure of a social phenomenon as a result of complex dynamics of Atomic PEN structural strength of (+- and N) to

enable synthetization of concepts and elements to inform the upper level change of social phenomena. The social PEN structure gives sufficient description of the basic elementary form of change as foundation to inform other changes and the constituent of the structure of any social phenomenon is made up of social Atomic PEN fundamentals of social protontous P+ positive social value of capital resource or funding as a driver for social change, social electroneous E- negative social value as human resource/manpower or workforce as a driver for social change and social neutroneous N to serve as calibre/stabilizer or catalyst for calibration of a social system to calibrate and further recalibrate a social system to context and relative equilibrium for social change.

### **Social PEN Theory; Cardinal Principles**

Durkheim, (1912), as quoted by Steven (Luke, 1973) in his book "Emile Durkheim; his life and works, a historical and critical study" was so severe on Montesquieu, while saying, Montesquieu was blind in his thoughts because he was unable to notice progressive change of the society. (Emile Durkheim 1938), (Kinsley Davis and Wilbert E. Moore 1967, [1945]). He however, noted that, Montesquieu was able to only notice that, "... a society, contained within it conflicting forces, because, it is gradually emerging from a previous form and is also gradually tending towards another to which it will give birth and he called the conflicting forces which drive the society as *vis a tergo*", (Luke, 1973) quoted Durkheim on Montesquieu. (Hogan, M. O. 2006), (August Comte, 1986)(Spencer H. 1971).

Atomic structures can form their web from simple forms homogenous to a more complex heterogeneous form. This happens when they form webs upon webs and coiled to one another and that will suggest further change in behaviour or a social system to enable more complex structures. Thus, it can neither be created for its invisibility nor destroyed for its formidability or indivisibility but has the capacity and potency of (+-N) strength to cause further change in behaviour of a phenomenon from one form to another and also show direction as (+-n). This is one of the cardinal principles of an Atomic PEN structural change. When Atomic PEN structures collectively come together to form a system and their constituents form further line of action in the 'change chain' and the ability of the Atomic PEN structural theory to give description of the elements and their capacity to 'form and combine elements of Atomic systems', it is what (Durkheim, 1912) suggests which was quoted in (Luke, 1973) and referred to as the collective representation. To a human society, it represents collective conscience as the characteristic which defines a typical mechanical or rural society.(Emile Durkheim 1938) (Kinsley Davis and Wilbert E. Moore 1967, [1945]).

1) The prime source of any progressive change in the human society is informed by its very first layer of social PEN structure, i.e. Atomic in nature to inform the successive stage of phenomenal development and the social PEN structure contains social energy to ensure social dynamics to inform and facilitate the cause, show direction of change with the capacity of calibrating the social system to inform the next level stage in developmental value chains.



2) There exist one stage called social PEN structure which should inform the next level stage that should come before any level classification which are invisible but sociologically can be imagined, but they later form and combine to appear as the reflection to say more of the previous form reflexive only with the P+, E- and N to serve as societal norms and as well a calibre. There are numerous social PEN structures that are Atomic which we have socially constructed at home, offices, cars, in fact everywhere and everyday through social interactions with others. Some are consciously constructed while others are unconscious and they determine the direction of our social actions and interactions in the society; yet they remain socially invisible, not noticed activities of man and inherently built into our social relationships and we discover them at later stage of change through sense perception.

3) Social theory of Atomic PEN structural change typically holds the believe that change in one social relationship to another form of relationship is due to the dynamics density of the structure of social PEN with its social energy of (+-N) to facilitates the form and direction of social change.

4) The social PEN structure is a social phenomenon, it has pattern and behaviour, shape, size, and on its very cardinal orbit, orderly and well patterned on their social configuration to ease social mobility. Because it is a universal social phenomenon for studies, the social PEN structure has the capacity of causal relations with other social existential within our milieu. Social PEN structure has compositions and the social structures are defined and are in their respective classes with pattern to enable social interaction for possible change in the society.

5) Any social phenomenon that exists within the social space stem from or an offshoot of a social PEN structure which is invisible and later form visible structures. It contains social energy made up of social protoneous (P+) capital, social electroneous (E-) human resource and social neutroneous (N) to determine and facilitate social change.

6) There should be a newer level of structural analysis which exists as real and to be sociologically called as the social PEN structural analysis which is utilised in sociological theorizing to mean social Atomic PEN structural level analysis to appear before any other classification because that stage is there and inherently built in any relations. It is something like all progressive changes of development. For instance, in sociological theorizing, the pattern to follow is: social PEN structural level analysis, micro structural analysis, middle range structural analysis and then macro structural analysis as chain of constructs to inform analysis of a social phenomenon and that is ontology rooted. (Emile Durkheim 1938) (Kinsley Davis and Wilbert E. Moore 1967, [1945])

### **Deduction is a Process of Reversal of Existing Theory ONLY the One Discovered Through Systematic Step-by-Step Stages of Induction**

Deduction or deductive nomology as opposed to inductive probabilistic is a method in social scientific theorizing and discovery. It can be understood from the point of view of (Karl Popper, 1959), in his book "The logic of scientific discovery". He defines deduction as an approach in the process of theorizing to reverse the process of induction. It starts with a specific enquiry or

hypothesis to test it against the evidence, rather than developing a theory as a result of examining volumes of data which is required in inductive process. Karl Popper further argues that scientists should start with a statement that is to be tested and clearly so. It has to be precise and should state exactly what will happen in particular circumstances.(Emile Durkheim 1938) (Kinsley Davis and Wilbert E. Moore 1967, [1945]) (Popper, 2005), (Emile Durkheim 1938).

The theory has demonstrated in practical terms, the variable elements which cause a phenomenon to change as P+, E- and N. It has also provided the social energy which defines its direction in terms of (+-n) which were perceived to be sociologically crude until the sociological Atomic PEN structural theory of change emerged as a responses to structural functionalism to better explain its complexes and dynamic structural density of explaining human society.(Emile Durkheim, 1938).

Again, concepts such as 'structure', 'social facts,' 'vis a tergo' are all abstract variable contents on sociological theorizing as their definitions are inconsistent and most social scientists give different meaning to them based on their paradigmatic orientations. (Emile Durkheim, 1938).Karl (Marx, 1978[1867]).

### **A Standard View of Social PEN Theory: Suicide phenomenon in the Context of Subcultural Pluralism**

The social PEN Structural theory of change assumes that individual members of the society may commit suicide due to PEN invisible structural troubles in their relations with other members of the society, especially, individual commits suicide for structural issues in their relations with spouse or extended family members or when the victim of suicide fails to meet his family structural obligations as a bread winner of the family. (Atkinson, J. 1978) (Keat, R. and Urry, J. 1982) (Karl Popper, (Haralanbus and Holborn, 2008), (Haralambus etal 2008).

Emile Durkheim, (1938), employed inductive quantitative method to unveil four classes of suicide as Egoistic, Anomie, Altruistic and Fatalistic suicide. They are all caused by social issues pivotal on excessive social integration and it's opposite, (insufficient integration), excessive social regulations and it's opposite, (insufficient regulations). Unlike Durkheim, the social PEN theory employs deductive method, periscoping suicide as a social phenomenon by inverting or reversing properties of an Atom, a purely chemistry phenomenon to explain social phenomenon of suicide; a sociologicalhandshake with chemistry in social scientific theorizing.(Atkinson, J. 1978) (Keat, R. and Urry, J. 1982) (Karl Popper, 1959), (Tanyintoo etal, 2011 : pg16-21), (Haralanbus and Holborn, 2008).

On the meaning of suicide, (J.D, Douglas, 2008) in his thesis, 'the social meaning of suicide' provided classes of suicides and emphasised the motive and the meaning of individual taking his life. Suicide, he said, is committed for one of the following reasons: suicide as a “way of achieving fellows’ sympathy; suicide as a means of making revenge by making others feel guilty. However, (Jean Baechler 1979) quoted in "Sociology; themes and perspectives" in his thesis, 'suicide as a problem solving' who built on Douglass’ approach to suicide, further noted, there is

escapists suicide, (Haralanbus and Holborn, 2008).(Tanyintoo et al, 2011: pg), (Haralanbus and Holborn, 2008).

However, the social PEN theory believes that, the victims have structural trouble as social invisibility cause of death due to suicidogenic structural conditions that are Atomic in nature. The individual's past and his active construction of Atomic structures in the present may determine and give more reasons for his future act to involve in suicide which is largely determined by the PEN social energy of (+-n) to project an individual to commit suicide. Durkhemian social integration and regulations are two interrelated social conditions which characterized social PEN structural dynamics, than the social cause of suicide in the society.(Emile Durkheim 1938) (Kinsley Davis and Wilbert E. Moore 1967, [1945]).

Baechler who built on Douglass' thesis on suicide posits there is an appeal suicide which is used to show others that the person concerned is in need of help. Blackmail and Appeal suicide according to Baechler is often the end pursued by those who make suicide attempts that either fail or are not entirely serious. (Atkinson, J. 1978) (Keat, R. and Urry, J. 1982), (Haralanbus and Holborn, 2008). He also provided Oblative suicide as the way of achieving something that is particularly, valued by the suicide victim. It involves giving up one's own life to save another person. Transfiguration as suicide is used in order to obtain a more desirable state to join loved ones in eternity. Lucid suicide further classified into two thus: Ordeal and Game. Ordeal suicide involves one taking his life to show others his bravery and Game suicide to Baechler involves taking risks for the hell of it. All of these classifications were done to show social factors, motives and meaning of suicide.(Haralanbus and Holborn, 2008). M, Haralambus, M, Holborn, (pg. 797, 2008).

The actions of ending life, for example, in social PEN invisible loaned-Pathological Suicide, is for structural defects to become long inactive but has gone obsolete and therefore, may not play the role of a connector and divider of human resource (E-) negative social value elements of social PEN to suggest an entrenched integration as well as to enable the social protoneous P+ positive social value of capital funding as a driver for institutional performance to dispense the required humanitarian services for the common good of all. The social PEN theory deductively explored and unveiled five (5) theoretically interrelated types of social causes of suicide and each type represents a particular set of social factors associated with social PEN dynamics in relations to a relatively high or rising rates of social tensions associated with structural, social PEN invisibility and complexities that are PEN indivisible as circumstances for ending life in the society. These are:

- (i) Social PEN Lone-pathological Suicide**
- (ii) Social PEN Molecular Suicide.**
- (iii) Social PEN Elementary Suicide.**
- (iv) Social PEN Composite Suicide.**
- (v) Social PEN Indivisible Suicide.**

Human behaviour changes through social interactions. The same scenario is the cause of the commission of suicide by members of a given society. The social PEN theory is a deduction of an Atomic properties to give sufficient descriptions and prediction of suicide and provide explanations for better understanding of suicide both Aktulles and Aklandes a (Weberian) notion of understanding the social causes of suicide as well as the 'why and how' of suicide as a social phenomenon in any social system capable of causing change in the crime of Suicide. (Max Weber), (Karl Popper, 1959), (Rex, J. 1974).

#### **(i) Social PEN Lone-Pathological Suicide**

The social PEN lone-pathological suicide is a kind of suicide caused by the individual as inevitable due to the victim being alone while lacking social capacity to exist, cohere or co-exist with groups as E- drained individual member of a family lacking human resource for coherency. (Bachchler) suicide, (Haralanbus and Holborn, 2008), (Karl Popper, 1959), (Rex, J. 1974 as a solution to problem.

An individual member of a society, who commits social PEN lone-pathological suicide, does so as he became socially incapacitated to cohere with others largely due to human resource drain. The victim of lone-pathological suicide developed severe hatred for close relations with tremendous feeling of guilt for inability to reciprocate all the good deeds done for him by the family members, hence chose to end life free of liabilities through suicide. Qualitative data has supported this classification of suicide victims as not biological members of the family. He came into the family either through adoption or he might be fostered as a member who continually see behaviour of others around him as antithetical for his social progress, hence becomes frustrated with tremendous anger on either family or close relations to ensure waste of his own life by committing suicide. Social PEN lone-pathological suicide as the forceful cause of separation from them and it's confined to a specific geographical area than diverse jurisdiction of human in the society as the cause of the commission of suicide is reminiscent of (Douglass) classification as escapist suicide. (Haralanbus and Holborn, 2008).

Social PEN lone-pathological suicide recognizes intimacy and immediate family as the cause of suicide than group relations. This classification of suicide increases in intensity as it goes higher in their social PEN Atomic breeds such as social PEN molecular suicide, social PEN elementary suicide, social PEN composite suicide or social PEN indivisible suicide of social PEN classification of suicide. However, in social PEN lone-pathological suicide, the victim may not have direct affiliation to a group or groups but his relations are with family members who are also insignificant as he is lone and the degree of his relations or the frequency and intensity to group relations are limited unlike those who commit social PEN molecular suicides that are relatively having unlimited degree of group relations and its ideals as major cause of man's death in the society.(Emile Durkheim 1938) (Kinsley Davis and Wilbert E. Moore 1967, [1945]).

**(ii) Social PEN Molecular Suicide**

Unlike the lone-pathological victim of suicide, who blame immediate family and the structural issues as cause for suicide, the social PEN molecular suicide victims are having healthier and sound relations with immediate family members and believe in interdependent relationship with groups and society. They become hopeless due to group influence to end life in suicide. The social PEN molecular suicide happens when men in the society run out of wisdom and become so easy to be persuaded, lured or deceived to give up life for a better life to emerge in the social PEN progressive stages of our existence as human society. They commit suicide as a demonstration of upholding group formidability, progress and success building with tremendous antecedents as antidotes which define lack of compromise of group ideals and consensus building.

This class of suicide is prominent among smaller groups of subcultural pluralist than among social PEN elementary. The victims of social PEN elementary suicide may end life for holy cause and they are highly heterogeneous hence waste life for sectarianism. According to the social PEN structural theory of change, there are social PEN invisible and indivisible structural fundamentals to determine societal dynamics and possible direction of suicide determined by PEN social energy which depicts (+-n), to determine social causes of suicide and indicate possible direction of individual members of the society to waste life.. (Atkinson, J. 1978) (Keat, R. and Urry, J. 1982) (Karl Popper, 1959), (Tanyintoo et al, 2011: pg16-21). (Karl Popper, 1959), (Tanyintoo et al, 2011: pg16-21).(Atkinson, J. 1978) (Keat, R. and Urry, J. 1982) (Karl Popper, 1959), (Tanyintoo et al, 2011 : pg16-21).

The social PEN molecular suicide is opposite to lone-pathological suicide; the suicide victims are from different family with similar behaviour toward ending life. They may be in pairs or in group of three and sometimes four molecular outfit in their numbers as group to hang or end lives with an interdependent mindset to sneak into public gathering to transit life to another progressive stage of self recovery for peace and social justice, which are socially PEN indivisible. There is life as he transit life to a more peaceful and secured society of human, but it's all a syndicated move of achieving subcultural hegemonic social goal with tremendous bias mindsets. . The PEN molecular suicide occurs among relatively heterogeneous demographic social groupings of sub-cultural pluralist individuals who are socially characterized as having mass molecular suicidogenic social energy of PEN structure for push to the upper level stage of suicide. The social PEN molecular suicide is a synthesizer for social PEN elementary differential suicide of apparent structural PEN visibility and is mostly committed by the members of different background affiliation, but similar in their appearances as subcultural pluralistic society opposing Durkheimian Anomie suicide as the characteristics of a more complex and heterogeneous waste of life. (Emile Durkheim 1957) (Emile Durkheim, 1961), (Emile Durkheim, 1938).

The PEN molecular suicide occurs when an individual becomes socially cohered with members of other ethnic identity and therefore, can be psychologically manipulated and maneuvered as one of the characteristics which define social PEN molecular suicide as ineffective social bonding for transition to inform the next stage of molecular structural change at ease. Any



case of suicide committed by members of less stratified subcultural identity with lower intensity and complexity in their Atomic behaviour of say a subcultural pluralist society is regarded as the social PEN molecular suicide, akin to Jones town massacre of the Temple.

### **(iii) Social PEN Elementary Suicide;**

The social PEN Elementary suicide is a class of suicide committed by members of highly differential ethnic groups but having the same mission in its struggle for group ideals. They are resourceful in terms their PEN invisible structures with higher degree of complexity and lower in terms of intensity of social homogeneity. They are heterogeneous in their looks and affiliation, but organized around one ethnic group from among themselves to carry the burden of ending life on behalf of the group's ideal. The victims of social PEN elementary suicide, have positions of power sharing with hierarchical leadership structure from the most resourceful members of the large number of membership whose souls were rendered to group goals and aspirations typical of Guyana massacre of the Temple in which Jim John ordered the suicide of more than 918 members and they suddenly did so without hesitation. Social PEN elementary suicide is committed when the uppermost leader of the group instructed the victims and the victims were being prepared through religification with sermon and words of hope for disengagements of member's life and to go on to carry their mission. They are all resourceful but some are more resourceful and wiser than others in burden sharing and responsibility as members of a pluralist society of social PEN elementary classification. (Emile Durkheim 1938) (Kinsley Davis and Wilbert E. Moore 1967, [1945]).

The group is highly differentiated with proper identification, independent and the mission of suicide is only possible by reasonable social cohesion as enabler for the commission of suicide among members who must carry the burden of ending life for the subculture hegemonic beliefs and goals. Others also play different roles of either protoneous P+ capital resource which is provided to members' family in advance as inheritance or electroneous E- human resource or manpower, technical element of construction of explosives that may end life instantaneously or to see through laundering of resources such as illicit funding to facilitate their antisocial activities but somehow, faulty in either social neucleoneous as resource and transfer element respectively. They are all P+ and E- configured for the commission of social PEN elementary suicide. They are complex and highly heterogeneous from different ethnic groups with similar mission of ending lives for apparent urge for power of controlling the human society.

The urge for power is at the crux of the social PEN Elementary suicide and they have greater affiliation to the PEN molecular suicide. The social PEN molecular suicide and the PEN Elementary suicide share similar characteristics and only differ in their degree of intensity regarding their heterogeneous nature and fewer number of PEN molecular compared to PEN Elementary suicide who are more complex than the later. The former is highly more complex and resourceful than the later relatively heterogeneous in comparison to the social PEN lone-pathological suicide.

The social PEN elementary suicide victims and the social PEN molecular suicide are sometimes mixed together but the molecular is just a representatives of group as the group is dominated by the social PEN Elementary membership and the two mostly work as having similar ideal of working for a group ideals rather than self legitimated social PEN lone-pathological members who commit suicide as a sign to submit life to a more superior purposes. Karl Marx and Engels, F. 1950[1808]) (Auguste Comte, 1986) (Robert K. Merton, 1968).

The degree of interactions among members is lower compared to the social PEN molecular members who happened to have relative degree of heterogeneity than the social PEN Elementary suicide who have more consciousness of power, leadership and domination around pushing the powerless or the timid members who are E- drained to end life as the powerful members and leaders remain supra-mundane personal master of controlling the social PEN resource component to ensure successful execution of ending life in a holocaust manner to earn worldly things.

The social PEN Elementary suicide enjoys more support of the individual leadership of the subcultural group to initiate the differential structural PEN invisibility to cause the crime of organized suicide to be performed by the few selected electroneous E- drained members to end their lives as victims. The suicide victims celebrate their disappearance or departure as victims and sometimes they even compete among themselves of who will go first and who will lead the cause and so forth, for money and power sharing as the group is made up of members and are all resourceful with pockets of PEN molecular suicidogenic members who transit to form and combine to build into the uppermost PEN Elementary suicide group that are PEN resourceful and therefore, such suicide is socially PEN visible in structure due to their differential reactions to goals of ending life to enable management and control of subcultural pluralism. (Emile Durkheim 1938) (Kinsley Davis and Wilbert E. Moore 1967, [1945]).

#### **(iv) Social PEN Composite Suicide;**

The social PEN composite suicide has higher degree of independence among the membership. The victims of suicide are segmented into groups with increasing intensity of complexity and heterogeneity and decreasing in homogeneity. The members may not know who have the power of influence and control over them, but intrinsically believe in the message received to end life by commuting suicide. Their activities are rather becoming socially PEN visible because of their power, population and their resource as social PEN Composite that are complex in disposition. When they react toward their group goals and aspirations, they appear to be socially visible but are somewhat, separated from one another and have higher disposition of working with agencies and have membership who will play one role or another for ending lives of the victims and some of their members do not even know their objectives of being in that group due to their independence with less degree of interdependence, but have well structured and configured PEN with full social energy of (+-n) to facilitate push to the most upper stage of social PEN indivisibility suicide. (Emile Durkheim 1938).

Unlike the PEN Elementary suicide victims who are resourceful, but having dislocations of resource control element of social nucleoneous, the PEN Composite suicide have perfect PEN and they are well structured with functional p+, E- and N for calibration for successfully ending life of the victims. The social PEN Composite suicide occurs because their members are resourceful and have the full knowledge of the selected E- drained as human perishable waste who are burden to the consequential complexities of the postmodernism world and are seen as the instrument to bring about change in the society.

The PEN composite suicide occur among member of the subcultural pluralistic group as they are resourceful of either P+ capital social value or E- human resource social value components to suggest change in structural plans to end lives. They are not E-drained and as well have enormous capacity to bring about change and such moves are directed by the power of social PEN energy of (+-n) which may escalate to commit suicide ensuring group ideals but there is high sense of individualism among the members, some for sectarianism, taking the interest of the subculture pluralism as their prime source of interest, some for power and control of the larger society after commission of suicide and others joined the social PEN composite suicide for money; some of the members are E- drained, timid and lack contact with reality, hence deceived and lured to end their lives for the entrenched selfish interest of organizing suicide and participation in group activities and they waste life with the hope of recognition that they have no desire for worldly things, but underneath is the move and urge for power and control of the targeted population. (Kinsley Davis and Wilbert E. Moore 1967, [1945]).

This exists where the individual subcultural pluralist will have identity crises and self-rejection, typical of the lone-pathological suicide victims who consequentially found themselves at a progressive stage of social PEN composite suicide mission. A member of pluralist society who engages in social PEN composite suicide is strongly integrated into the group's ideology to the extent that he no longer considers his own life or the lives of others to be of any value. He becomes so entrenched in the group's ideals and aspirations that he loses his own identity. Individual's life is no longer autonomous but fused into something more superior than him i.e. the pluralistic goals and the suicide agenda of the pluralist is the same as that of the Jim John's town the massacre of the temple.

#### **(v) Social PEN Indivisible Suicide:**

The social PEN indivisible suicide is the highest stage of suicide committed by the members of subcultural pluralist with their goals and objectives. Their activities are determined by the social PEN structural forces of (+-n). It is so complex and grand design to end lives of the victims in the society. It might be for planning purposes and characterized by associated features of postmodernism society. The social PEN indivisible suicide is significantly correlated with degree of civilization as well as insanity due to consumption of psychotropic substances by the victims to end life out of their consciousness mind for indoctrination by the masterminds who have an overarching objective to end life for their ulterior motives as the social PEN indivisible suicide. (Taylor, S. 1982) (Taylor, S. 1982) (Thomos, W. I. and Znaniecki, F. 1919).

Lack of hope and basic needs for survival is the cheapest source for victims who lack means to make daily their livelihood and become an instrument for manipulation, especially among sub cultural pluralist. The abuse of hard drugs and subsequent indoctrination in itself is a crime and an influencer for commission of further crime of suicide. The victims of social PEN indivisible suicide suffer tremendous consequences around social bonding in the society as their relation with members of the wider society has been weakened and ultimately broken down in the post-modern societies where sociological super glue for (Robert. D. Putnam's) theorizing on social capital is slimming down with tremendous threat to social bonding characterised by the sense of individualism as the feature of postmodern societies.

The social PEN indivisible suicide is being organized within an Atomic invisible structures of social relations, mostly among subcultural pluralist who have social hierarchical and leadership structure of PEN indivisibility supported by the social power of PEN (+-n) structure of protoneous P+ positive social value of capital funding who supply enough resources and technical knowhow to enable electroneously E- negative drained social value individuals in the society to end their lives. The theory believes that, those who commit PEN indivisible suicide, are electroneously (E-) drained with negative social value of (E-) human resource. There is also a social PEN hierarchical leadership structure, well organised with Atomic PEN formidability made up of three resourcefully powerful leaders to support suicide activities in both funding and intelligence to enable suicide and its escalation..(Taylor, S. 1982) (Taylor, S. 1982) (Thomos, W. I. and Znaniecki, F. 1919).

The hierarchy is made up of three distinct components of social protoneous with P+ positive social value leader to support group activities with sufficient funding to sustain criminal activities connected to suicide. The social electroneous with E- negative social value to play the role of human resource element to ensure intelligence support to supplement the P+ capital to ensure crime of suicide is committed. The Neutronous (N) social value as the societal norms and value systems is to calibrate the (P+) and the (E-) to ensure suicide or to expose suicide by pathologically exposing those social PEN structures to social PEN visibility stage before the occurrence of such crime. (Kinsley Davis and Wilbert E. Moore 1967, [1945]).

### **Social PEN Theory; Socio-economic and Political Fundamentals of Everyday Life, Social Utility and Investment**

Some businesses are successful and some others are failure because an entrepreneurial activity has a social PEN structure to suggest the directions of business and investment fortunes. The social energy of (+-n) provides powerful tool for causal analysis on how to rationally minimise cost and to maximise profit by rationalization akin to (Macdonaldization) of business enterprise in a manner rationally weighing cost and benefits of investment. Social PEN structural change of individual mind will be at work to enable objective, unbiased and rational decision in business, provided the manager is equipped with sufficient Protoneous P+ resource capital funding and Electroneous E- human resource for causal analysis of business trend and pattern to enable

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Atomic structural analysis of risks that are apparently invisible along demand and supply curves and fundamentals for appropriate utility.

Utility as social value is synonymous to the social philosophy and thoughts associated with J. Bentham and J.S. Mills (thoughts precursor such as T. Hobbes, J. Locks and D. Humme) that placed the satisfaction of the individual's want (utility) at its core. Consequently, as the greatest good was defined simply as the greatest happiness of the greatest number of people with consequential effects on social action in which individual rationally pursue their own self-interest and it's conception of society as the aggregation of social Atomised individual united by self interest. Hence, understanding and reading the directions of social PEN structure for change ensures optimal utility and it enables chances in business and ability to employ the social PEN structural analysis influences one's business over another to produce more Protoneous P+ value of capital funding in relations to structures of the business and more opportunities for investment over another, (Hogan, 2006). This is what social PEN structural theory of change is trying to give description of social life in business related venture for utility and investment.

Government cannot wake up overnight to introduce policies to improve human life without first looking for evidence to suggest who needs what and why? We must get answers to the basic economic decisions to inform the strength and the direction to indicate (+-n) change of such policies. We need input and those inputs are social protoneous (+) with positive social value to add more and more value for enhanced social policy. Government appropriates funds for projects and upon execution of those projects, there would be auditing by the auditors who play the role of social Neutroneous (N) to check and recalibrate the expenditure to standard. The auditors are looking for the expenditure books. What they do is searching for an atomic PEN structural fundamentals of the spending to balance the relationship between government spending (P+) to improve socio-economic and political lives of the members of the society and the utility or consumption of the function (E-) derived from the project by the group members of various communities to ensure value for money as the social protoneous P+ has been appropriated for balancing of cost and the social neutroneous (N) serve the role of the auditors.

There is also what is known as virement on appropriation. For example, pushing capital expenditure under sub-heads such as (capital) would be moved for use under subhead of recurrent expenditure (daily spending of government). In that case, you subtract (electroneous E-) and when you subtract the negative value of the social Electroneous (E-) negative value will come into play to enable social protoneous (p+) with positive value of social energy (+) to revive capital for recurrent and subsequently, to provide resources for other pressing needs of the society along the budget line. At the end, we utilise the social Neutroneous (N) to play its role of calibrating the line items to confirm movement of such monies from capital expenditure to recurrent expenditure are justified.

The social (N) of auditing also gives justification for why the push in order to balance government spending. In this scenario, the office of the Accountant General plays the role of social Protoneous (+) capital funding of disbursing money, with adding possible positive values to life as the social protoneous (p+), while the members of the public for whose benefit and



enhancement of welfare, such monies were appropriated would drive utility from such spending through government programmes and policies by way of draw (-) as the social electroneous (E-) suggests. Most often, members of the public consume or drive utility through government expenditure. Consumption as a function has negative value (-). The office of the Auditor General serves as the social Neutroneous (N) to calibrate and further recalibrate to ensure monies meant for such projects and policies of government were actually expended for the purpose intended as contained in the budget. This classification of variable content suggests that the theory of atomic PEN structural change is powerfully situated within the social context for better description of a social phenomenon.

There is PEN structure in everything and they exist everywhere as objective social reality. Production of industrial goods and services, commodities and consumer behaviour can be understood from Atomic PEN structural analysis and commodities should take the form of Atomic PEN structure of at least, three stratified layers and such goods should have the disposition of Atomic PEN structure of being firm, flexible and should be consistent to maintain their respective classes.

The consumer behaviour is the reflection of the Atomic PEN structural consumerism. People are attracted to new things only if they reflect the very form of the social PEN structure that are Atomic which is flexible, with consistent composition of components, movable and strong as indivisible with cutting edge shape, resourceful and energetic, which define the characteristics of the Atomic PEN structural formidability. To regulate body temperatures we lick an Ice cream and they come in at least not less than three layers of atomic structural shape. Consumer behaviour is studied for differential in social relations to goods and services to determine change in social class and boom in business which can be defined in Atomic PEN structure. Check for things around you, they appear in PEN structure. The force which controls production is possible with PEN energy. The social energy of protoneous, electroneous and neutroneous are the capital and enabler for investment that guarantees return on investment respectively.

Value chain is defined in Atomic PEN structure of capital which makes buying and selling of goods and services possible and generates profits in the end. Generally, people are attracted to most resourceful people not because they are supernatural, but they possess social energy and the reflection of the PEN structures are defined in terms of human qualities such as integrity, reputation, knowledge, money or anything in form of resource due to the social energy they carry in them.

The social PEN structure is the phenomenon which the social Atomic PEN structural theory of change has discovered. Again, the structure is Atomic in nature but powerful as PEN. Man creates and sustains programmes and policies of government and worry about suitability because they survive in their forms, shape, orbit, structure and they have composition. Unlike the micro sociological emphasis which interprets the actions of symbol or phenomenology with mind (the mind object social facts sort of who sees everything as phenomenal).

We build Atomic structures to inform another level of structural change. For example, in our rooms or in the convenience, some people carry a newspaper with them to their convenience or drop one in their toilets. The objective reality is that you can only read in the reading room. Why? Because you have already constructed an Atomic structural patterns with social energy of (+-n) to further transform your behaviour, attitude and actions of conveniences and reading enables the beginning of Atomic structural change and the (reading) as interaction between an individual and the newspaper being observed and meaning interpreted. This is the dynamic social PEN invisible structure which repeatedly happens as he visits the rest room with the same kind of behaviour everyday. This is called the social PEN structural relation of man to the structure which are Atomic and he has constructed with relations as he visits the rest room and it has the believe of modifying individual behaviour.

### **Social PEN Theory as Driver for the Enhancement of Interactive Situation.**

We get attracted to people with higher social protoneous P+ capital and the person with social electroneous E- human resource would be attracted by the person with social P+ capital for complementary and supplementary roles. Through that process production is enabled and investments are made easier and possible. This is an association of the social energy of Atomic PEN which enables Atomic PEN structural differential in relations and association for social progress.

The social PEN structures are interdependent and the social energy is also powerful to allow phenomenal push with one another and PEN in their heterogeneous form produce a higher level of structural change in human life. The more you stay with resourceful protoneous (+) people with capital, the higher you get attracted to them and the more your life is transformed. Likewise the protoneous (P+) person's investment improves and subsequently value would be added for being with Electroneous (E-) human resource and through such a process, members of the society produce change and create meaning through social interactions in our everyday lives. This scenario is only possible by the social energy of the Atomic PEN structure. The social protoneous P+ capital with positive value would charge an individual with Protoneous (E-) social value of human resource as the electroneous E- human resource releases social energy to affect and transform your lives around person with Protoneous (P+) and then an individual would get energized in the process of social interactions to produce more social space for complementary and supplementary roles in relationship to attain individuals needs as functional prerequisite for enhanced relations among one another and for the good of the society. That is what atomic PEN structural theory is trying to explain pertaining to structural changes in our social relations with others in the society.

In doing that you enhance social cohesion and improve sense of solidarity to enable what Durkheim referred to as “conscience commune”. That is the same as the arrangement of the Atomic PEN structure are in their perfect bonding and are socially PEN indivisible due to the formidability of the energy contained in them. Social relationships are built on the social energy of social PEN structure for change which defines the dialectics of the PEN structure. Relationship terminates or deteriorates when you begin to produce more and more social

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protoneous P+ capital against your partner of same P + social pole i.e. if an individual who you are attracted to also happens to carry P+. It goes to say that (P+P+) cannot cohere. (P+E-) can make better sense in social relations to ensure social progress. The more you build Atomic protoneous P+ social strength, the more you create distance especially, between the individuals in a relationship. This is similar to what (Anthony Giddens) referred to as “disembedding mechanisms of distancing” to mean; (separation of social phenomenon from the context of social actions and his relations to interactions while describing features of postmodernism. Because two social protoneous (P+P+) personality can hardly survive in a relationship, but we must differ in our Atomic structural social energy for perfect relations to suggest combination like this (P+E-). If not, there would be friction and conflict of interest. The social neutroneous would come into play when you begin to have excesses in the production of the social energy as threat to social relationship. The social Neutroneous (N) is to further recalibrate the relationship and serve the function of social stabilizer. It also determines the direction of the relationship toward (+or- poles) depending on the interactive situations that define the two prime sources of interest of the individuals involved in an interactive situation.

### **Social PEN Theory: Students' life and its Fundamentals**

Students take exams and wait for the result. They may be eager to find out the cause of delay by asking their fellow students what is responsible and why? The result has to be delayed because it was undergoing social PEN structural synthesis which is highly Atomic through social synthesis as the result is being handled by the officials concerned to inform upper level change in decision among individual members; to enable the officials to paste it on the notice board. The social PEN structural theory of change argues that any social event that is described by the phrase; "it is in the pipeline", "in due course", "soon", "let us wait", "it will come out soon", etc are indicative of a phenomenon undergoing Atomic PEN structural synthesis to suggest the next line of structural social change. The social energy of PEN (+-n) are deeply said to be at work and integrating to form differentiation of that phenomenon for diffusion to take place and subsequent change that is visible would eventually occur.

This stage is called social PEN structural development of any social phenomenon. Such dynamics are indivisible to inform the visible structural stage in human life. For example, a student may ask, any news on the result? The answer could be no news! Yes, there would be no NEWS because the developmental stage of your result is at the social Atomic PEN structural level to inform that NEWS that you wanted to hear. Similarly, as the Head of the Department (HOD) approves the results, and forwards it to the Senate through the Dean of Faculty for ratification of same to inform subsequent release; at that stage the students were left with no options than to wait and would have no idea of the outcome. That is what the social Atomic PEN structural theory of change calls the social PEN invisibility cause. Such result can hardly be tempered with by the senate of the University. That is also referred to as the social PEN indivisibility cause and the students would have the result apparently placed on the notice board when it reaches the visibility stage of the former invisible and later visible.

### **Nomological Network of the Social PEN Theory: the Three Class Model**

The PEN structural change is a necessary social condition which defines everything around us. Our cars are modeled in form of social PEN structures. The frame (body), engine and the gas as protoneous energy ensure mobility. The three are mutually inclusive to ensure movement from point A to point B in progression. The gas with protoneous energy (p+) carries charges and when exposed to atmosphere it evaporates to the atmosphere to attain social PEN invisibility level of change. Again, that in itself is another change level of social PEN indivisibility. The gas exposed to atmosphere may escape to the thin air, but it only changed to another form and then adds to the Ozone layer as carbon deposit which is often visible.

Oftentimes, people get sick because of their intakes and relationship with the ecosystem. The person who becomes ill, in his quest for good health, he needs a comprehensive health system to diagnose his state of health. Therefore, the social P+, E- and N are in a set to inform change. They collectively perform the function of transforming a system in their collective representation of diverse sentiments which describe systemic change from simple to complex societies; for example, Gemeinschaft to Gesellschaft solidarity.

Another support for the social theory of Atomic PEN structural change is the Marxian nomological network. Marx, in his dialectics as support for three class model, utilised framework to suggest the parsimonious nature of the Atomic PEN structural theory that can be noticed from the social protoneous (+), social electroneous (-) and the social neutroneous with positive, negative and neutral value respectively. This is the same as in Marxian Diamat where we have the thesis-antithesis and synthesis framework: positive, negative and neural (PEN) Atomic structural components with (+) (-) (N) elements of causing further changes in the society.

### **Social PEN Theory; Critique**

The social theory of Atomic PEN structural change was discovered from the weaknesses of the grand structural functionalism. The theory answers the most compelling research questions outlined above as gap in knowledge. However, upon scientific proof, the theory is formidable to define social change in human social actions for interpretation which may suggest further change in the behaviour of man and his society. It is a new theory and therefore, may not be free from weaknesses for further enhancement by scholars and researchers alike. The atomic PEN structure is there in all patterns of social relations. It rests on its very tripod supported by social nucleus around its very orbit of social progression of its three cardinal social components of the P, E and N. Therefore, the Atomic PEN structure theory provides a framework which is inherently built in any social relations among members of the society in an interactive situation. It contains in it the social energy as resource to ensure social bonding of the pattern created by individuals in their social relations from people to people to effect further change in some pattern of social behaviour for social progress of mankind. The theory was deductively discovered as cutting edge and may have discrepancies and difficulties around comprehension. It may also have pitfalls and gaps for further improvement and reinvigoration as it advances in practice.

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**Supervisors:** i) Professor, Hamza Kankiya: hamzaabdullahiimamkankiya@gmail.com, Bayero University, Kano (BUK), ii) Professor Darlington Iwarimie-Jaja: iwarimiejajad@yahoo.com, University of Port Harcourt, Department of Sociology, Faculty of Social Sciences. iii) Professor Musa Abdullahi: musagwoza@gmail.com Department of Sociology and Anthropology, University of Maiduguri, Faculty of Social Sciences. iv) Dr. Emmanuel Onyeozili: ozili@yahoo.com, University of Maryland Eastern Shore, USA. v) Dr. David Kieghe: dkieghe@yahoo.com Development Consultant and Research, United Kingdom, (UK)