

The MYSTERIOUS ENERGIES

Within and Around us

Prabhat Poddar

Ancient cultures such as the Chinese, Japanese and Indian have all tried to look at the subtle effects of the natural and built environment on the human system through divination skills known as Geomancy. Geobiology, a branch of modern science, has much to reveal about the formidable knowledge and mastery of the ancient geomancist. In an ongoing research, Prabhat Poddar explores a scientific basis to traditional geomantic rules.

In ancient times, architecture was not only a creation of form to limit or define space, but was inherently a sacred form, a three-dimensioned *mandala*. All cultures took into consideration their understanding of the varied subtle effects of the environment, both natural and built, on the body. With this knowledge, termed Geomancy, our ancestors created forms that were in harmony with the laws of that greater creation that surrounds us; forms that live not in time, but have outgrown time and live in eternity. There was a magic of numbers, a sacredness of proportions and materials, a mysticism of harmonics and colours, a critical choice of the right location and the right moment in time, so that matter and form expressed in an infinite number of ways the cosmic truths, and made us experience the multiple attributes of the Infinite.

Today, a branch of modern science known as Geobiology dedicates itself to an investigation of the principles on which these laws are based. The initial conclu-

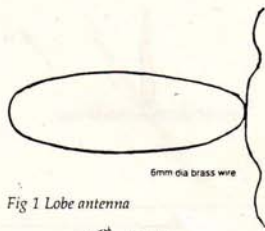


Fig 1 Lobe antenna

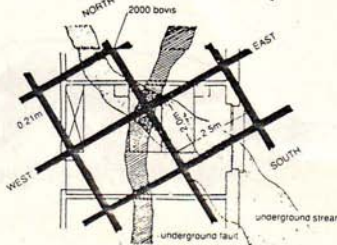






Fig 2 Placement of beds on a very disturbed geopathogen zone intersection of Hartman Grid node, underground stream and an underground fault

sions reveal much about the formidable knowledge and mastery of the ancient geomancist in the Indian subcontinent and in other ancient civilizations.

Energy Grids

In the late 1970s a German physician, Dr Ernst Hartmann, developed an instrument, the Lobe Antenna (Fig 1), to identify what he discovered was a grid of energy lines emanating from the earth's surface and circumscribing our globe. This energy is oriented magnetically in the north-south direction at 2m intervals, and in the east-west direction at 2.5m intervals, and is now called the Hartmann Grid. These energy fields are termed Bio-Electro-Magnetic fields (BEM), and the last two decades of research reveal that the radiations from the surface of the earth, termed 'telluric', are BEM energy grids of twenty types (apart from the harmful BEM energy fields of underground water streams, faults in the earth and cavities). Of these twenty, normally four are important for man.

- 1  BEM grid in the cardinal directions known as Hartmann Grid or the 1st Global 2m x 2.5m; necessary and helpful for the formation of bones
- 2  BEM grid at diagonals to the cardinal directions known as Currie Grid or the 1st Diagonals 3m x 3.5m; helpful to the growth of cells
- 3  BEM grid in the cardinal directions termed 2nd Global 15m to 20m or even 30m; helpful for the nervous system
- 4  BEM grid at 45° to the 2nd Global known as 2nd Global Diagonal 15m to 20m or even 30m; helpful for cerebral functions

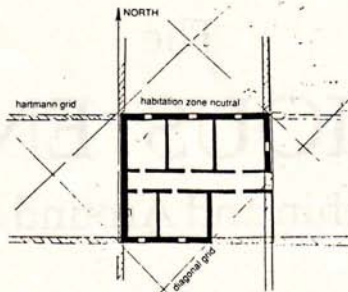


Fig 3 A house in the Himalaya contained totally within a telluric grid

which was also the width of the Roman chariots. The Romans, being aware of the negative energy of these lines, manipulated the grid, rendered it positive and used it to reduce fatigue amongst their marching soldiers and charioteers.

The ancient Celts also orientated all their buildings with respect to the 2nd Diagonal BEM grids as is evident from studies of their ancient sites.

In ancient India, both the 2nd Global and the 2nd Diagonal were used in the concept of the eight *dishas*, more specifically for the orientation of temples with respect to residential areas, as is clearly explained in the *vastushastras*.

The direction of the flow of energy of these telluric BEM grids is from north to south and from the east to west. Research

That the existence of these energy fields was also known in ancient times is revealed by various structures: The old monasteries in the Himalaya orient the houses and cells for monks such that they are contained within the BEM grids (Fig 3) in what is normally a neutral zone. Menhirs (megaliths) dotting the surface of the earth from the Far East to Ireland, built over 4,000 years ago, were located specifically on the most negative energy points — nodes or intersections of BEM grids, so that because of their material, form, etc., they transform the negative telluric vibrational grids into positive fields, and act as transmitters, radiating and affecting a vast area (Fig 4), a function they continue to perform even today. The dolmen acts as a receiver (Fig 5).

The Romans oriented all the buildings in their villages, towns and cities with respect to the 2nd Global BEM grids. They used the terms *Maximus Cardo* for the north-south directions, and *Maximus Decumanus* for the east-west directions. All their roads of conquest followed BEM grids that are much larger, having their energy lines *Maximus Maximorum* at grid distances of 2 to 3kms. Interestingly, the width of the *Maximus Maximorum* is 1.35m,

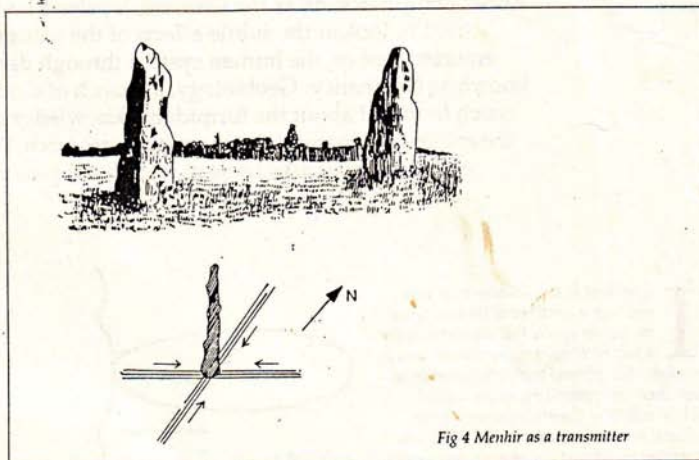


Fig 4 Menhir as a transmitter

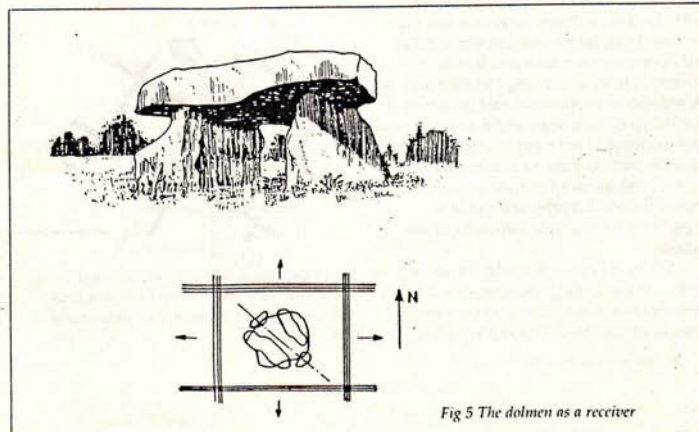


Fig 5 The dolmen as a receiver

has revealed that the intensity of these telluric BEM grids in the Indian subcontinent is not consistent throughout the day and the year. There are cyclic variations but these have a fixed pattern, and these patterns exactly match the concept of *kaal* and *ghadi* in India, that is, 8 *ghadis* from sunrise to sunset, and 8 *ghadis* from sunset to sunrise, each *ghadi* being of 1½ hours duration. In the south and the north of India these *ghadis* are also printed on the calendars for each day of the week.

For example, in the South the terms used are *Rahukalam* (inauspicious), *Gulikankalam* and *Yamangalam* (good). These periods are exactly related to the variations in the intensities of the BEM telluric grids from the basic energy level, becoming negative or more negative or positive in cyclic periods of the *kaal*. In the North, the *ghadis* or *kaals* are termed as *Shubha*, *Labha*, *Amrita*, *Udvega*, etc. The concept of *Brahmamuhurta*, an extraordinarily auspicious time, is related to sudden, very high positive intensities of the BEM telluric grids between the period 0200 to 0500 hours every day. Similarly, the hour after sunset, *sandhya* or *vesper*, is related to high positive intensities of these grids.

The causes of these variations are still a matter of research, but it is amazing how our forefathers had an exact and intimate knowledge of these energy fields, their direct and subtle effects on the human body, and amazing too how they developed the ways and means to master these fields and manipulate them to the desired

intensities for our benefit. In most ancient religious buildings, the presence of an underground body of water is a must, as water also emanates BEM energy fields. The classic example is that of the famous cathedral at Chartres in France, where water currents have been used and created to give the necessary permanent vibrational support. We still wonder how and why they built the water channels at a depth of 37m (over 100 ft deep), and why at Chartres the height of the central dome above the ground is also 37m (Figs 6 and 7).

All living creatures in nature are very sensitive to these 'invisible walls' of the different telluric BEM grids. Cats are found to thrive on negative energies, and will always locate the Hartmann or Currie or other BEM grid nodes of 2,000 Bovis or so, for recharging themselves. (Perhaps therein lies the reason why cats were made companions of witches!) Ants are also known to locate their ant-hills on similar grid nodes, points that are harmful for man, whereas dogs, horses, cows, sheep, etc., will always find positive or natural energy grounds for recharging themselves, areas that are beneficial for man. Studies have shown that 12 hours before any earthquake tremors are felt anywhere in the world, the BEM telluric grids undergo a change. At the actual time of earthquake the grids encircling the entire globe are badly shaken, and it takes about half an hour after the earthquake for them to become normal. Underground nuclear explosions disrupt BEM grids over the

entire surface of the earth for days on end.

Measuring Energy Levels

There are very accurate ways of measuring the various energy fields existing around us, with simple unsophisticated instruments such as the Lecher Antenna (Fig 8) and the Biometer, a scale developed by a Frenchman, Antoine Bovis, and his colleague Andre Simonton. Due to a lack of consensus on what to call these units of energy, they are termed Bovis. On the Bovis scale, therefore:

- 0 Bovis represents no energy
- 6,500 Bovis is the normal human, physical body energy if there is no disease of any kind in the system. An indication of lower physical energies of the body is a sign of disease, infection or a medical problem. The lower the body's energy the more significant the disease, ultimately leading to death.
- 6,500 Bovis to 16,000 Bovis are the energies of the different *chakras* of the body; these are also reflected in different cultures as concentration of energy in the sanctum sanctorum or *garbhagriha* in churches, temples, mosques, etc.

In churches for example, around the cross, the energy level has been measured at 11,000 Bovis corresponding to the energy level of the heart centre or the *Anahata Chakra*. (The energy level around the cross is different, for example, between a Protestant or a Lutheran church). The ringing of church bells creates vibrations at 11,000 Bovis. In mosques, the energy level

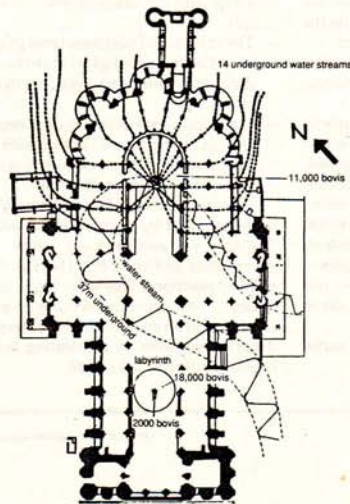


Fig 6 Cathedral of Chartres

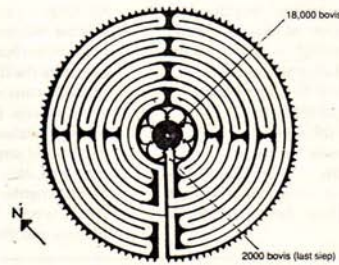


Fig 7 The labyrinth of the cathedral of Chartres

The Human System

Efforts at understanding the various kinds of energy fields in the body, which are fundamental to the understanding of what affects them, revealed a number of complex phenomena:

The form of the body and its divisions lead naturally to four zones:

- The head, termed the mental zone
- The trunk, termed the vital zone
- The leg, termed the physical zone
- The entire body, termed the psychic zone

Each of these zones has a set of energy axes that are found on the frontal and dorsal sides of the body respectively, with respect to a standing person. These are the:

- vertical axes
- horizontal axes
- perpendicular or transversal axes
- diagonal axes

These sets of 4 Frontal Energy Axes and 4 Dorsal Energy Axes are found in each of the 4 zones of the body, and their position in each of these zones is indicative of the mental, psychological, physical, and psychic wellbeing of an individual.

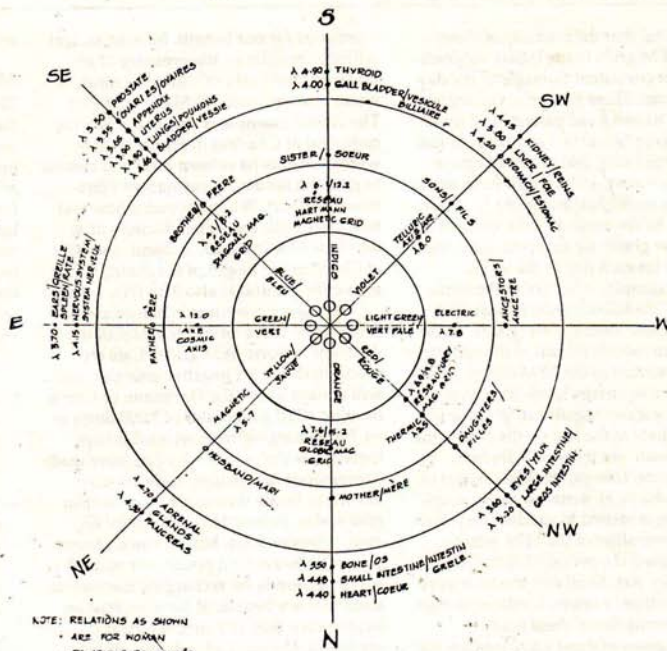
These energy axes of the body are not self-existent, but are dependant on three sources of energy that animate them:

- The Sun (from sunrise to sunset) *Ida Nadi*
- The Moon (from moonrise to moonset) *Pingala Nadi*
- The Earth (24 hours, all the time) *Sushumna Nadi*

This complex dependance upon three sources is logical, for the sun and moon follow independent cyclic patterns. Between the setting of one and the rise of the other, the earth's energy provides continuity.

Thus we have two systems constantly working in our body:

- the Cosmic or spiritual/psychic system which is solar or lunar in nature and works through a *chakra* 15cms above the head directly on the
 - psychic axes or the solar plexus
 - mental axes or the eyes
 - vital axes or the navel
 - physical axes or the ankle
- the Earth, telluric or inconscient/sub-conscious system which works through a *chakra* about 15 cms below the feet directly on the:



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- subconscious axes or the knees, opposite in polarity to that of the psychic axes or the solar plexus
- mental axes or the eyes
- vital axes or the navel
- physical axes or the ankle

Human relations — father, mother, brother, sister, son, daughter, wife/husband/friends and ancestors.

The other different energy axes of the body that exist and are dependent on the two Cosmic and Earth systems, are:

- Colours, the VIBGYOR range — violet, indigo, blue, green, yellow, orange, red
- Organs of the body, which explains why we are physically affected when mentally or psychologically disturbed
- Electric-Magnetic-Thermic radiation fields of the body, which in turn are affected by the Bio-Electro-Magnetic radiations caused by electricity, televisions, radios, telephones, pipelines—sewage, water, drainage, gas — underground streams of water, faults in the earth, etc.
- The Elements — fire, air, water, earth, metal, wood
- Planets and the Zodiac

An important revelation that emerged from this complex study of the energy axes of the human body was their relationship with the orientations. Put very simply:

- The vertical and horizontal energy axes of our bodies are aligned with the cardinal directions: east, west, north and south.
- The transversal and diagonal energy axes of the body are aligned with the diagonal directions: north-east, north-west, south-east, south-west.

The importance of this discovery lies in the fact that by orientating our bodies in space, we automatically align our energy axes and bring them back to their rightful positions. This knowledge is the reason for the great importance given to the *dishas* in all cultures, and the stress in different cultures in orientating buildings according to the *dishas*.



Fig 13 Earth energies symbolized by a dragon or serpent (Chinese - Tibetan)



Fig 14 Christ standing on wyverns (earth energies)

In man, each cell of the body is like a radio receiver with its own characteristic frequency at a wavelength of 22cm. To receive other frequencies, the cell needs an electrical potential of 70 milli-volts, corresponding to 11,000 Bovis, which it draws from the liquid that forms 97 per cent of the cell in a young child and 60 to 65 per cent in an adult. Each cell in the body receives fundamental energies in the form of vibrations from the earth and nature. In our present technological world, man is being inundated not only by the telluric and cosmic energies, but by many more negative energy radiations such as those due to the generation, transmission, utilization of electricity, television antennae and tubes, overhead and underground water tanks, reinforced cement concrete buildings and structures, synthetic materials and clothes; the list is unending. Also, we are more affected by these energies at our place of sleep and our place of work, as the body is stationary for a longer period at these places. These negative energy fields disrupt the vibrational energy of the cells in the areas they intersect in the body, resulting in disease over a period of time.

The Architectural Relationship

In the already built environments, one can only study the different kinds of energy radiations, and find ways and means of harmonizing and neutralizing them. This is very much more complex and difficult as it is not normally possible to rebuild or reorient the building. In a new structure a lot of things can be easily taken care of in establishing the right energy levels by the use of materials such as lime, sandstone, limestone, marble. But, to be effective, these need to be fixed in lime mortar instead of cement. Ideally, at the foundation level, if we can spread a 2 inch or 5cm layer of pure lime before laying the brick jelly or lean concrete, it helps further harmonize the radiations coming through the ground. In concrete too, if we can replace granite by sandstone/limestone chips it is a big help. In Europe today, the effort is to develop a new range of products — paints, varnishes, preservatives for

wood, etc., which have only positive radiations. To a large extent using the right natural materials helps.

Steel reinforcements in columns, beams, slabs and walls, create a sort of cage of Faraday. We could say that we are living in a highly charged environment between two plates of a condenser. To neutralize this it is necessary to establish good earthing for the steel reinforcements so that the ionization factor is neutralized, and the body, therefore, not stressed.

The form of the building, its orientation, the symmetry of its door and window openings and their proper alignments, the layout of the different rooms, all these and more, are factors that, if considered at the design stage, help the harmonization of energy fields and their effects on our body.

The subtle relationship that exists between the orientations (*dishas*) and the different types of energy radiations that relate to energy axes in our body, is the key

The Energy of Forms

In an attempt to establish visual proof of the effect of different radiation fields on the body, experiments in Kirlian photography were carried out. This process uses the electrograph to photograph the 'aura' of fingers, objects, etc.

The Kirlian photograph of a finger of a person shows an 'ionic charged layer surrounding the living substance' which has two aspects:

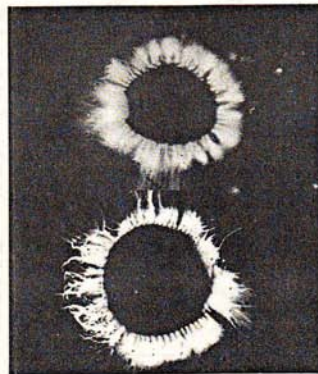
- under normal circumstances an even distribution consisting of a cloud-like inert zone called the 'corona'
- a filamentous zone termed 'streamers'.

The experiment detailed here was designed to understand whether there exists an Energy of Form, and the pattern of radiation due to different forms.

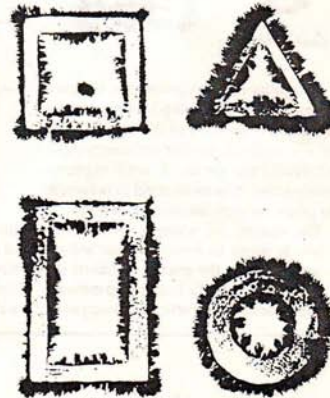
— The solid area is equivalent to the cut-out area

— The basic dimensions are the size of the square, 4cms for one set and 5cms for a larger set.

It amazed us to actually find that there is an Energy of Form that varies according to the geometric form selected, as can be seen in the photographs. The interpretation of this experiment and results can be summarized as follows:



Even distribution of corona and streamers (above) (regular corona pattern (below)).



to understanding the relationship between the energy fields of man and buildings. Basically, the orientation of buildings according to their forms, materials used, proportions, etc., play a very powerful role in creating either the right or harmonious environment, or a wrong and negative environment that affects us socially, psychologically, mentally and spiritually.

The form of a house/apartment, etc., creates an energy field that is termed the Central Energy Point or Energy of Form, which is a Cosmo-Telluric Energy Column, radiating in ten directions: east, west, north, south, north-east, north-west, south-west, north-east, nadir and zenith—all earth, environmental and cosmic energies coming through and existing in the place concerned. These directly affect the human body at the different points of our *chakras* or energy centres, not necessarily the same for man and woman, from above the head to below the feet.

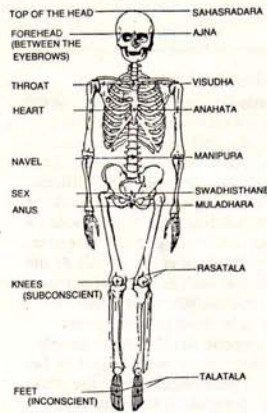


Fig 15 The energy centres or chakras of the human body

The form, proportions, orientations and materials used in the house or apartment create another set of energy fields that are complementary to the Central Cosmo-Telluric Column or Energy of Form, and which affect the energy fields within the house with respect to the six orientations and the nadir/zenith at each of these eight orientation points.

This understanding of the relationship of the various subtle energy fields with the energy axes of our body and with the ten orientations is the prime factor harmonizing us with our built environment. We do not then have to worry about how to neutralize each radiation source separately; we have to harmonize them by acting on the eight outward orientation points, and on the ninth, which is the Central Cosmo-Telluric Energy Column or the Energy of Form.

Geobiology

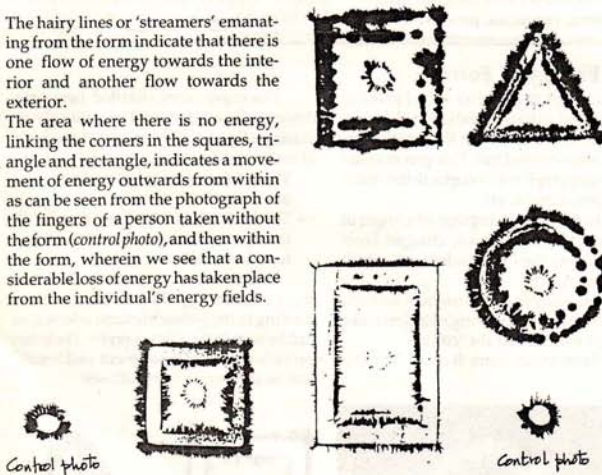
Geobiology has only recently come into its own. There are various areas other than those mentioned here in which research is ongoing: Kirlian photography, for instance, through which it is possible to establish visual proof of the effect of different radiation fields on the body, in addition to investigating the energy of various geometrical forms and their effects on us. Integral to the science, of course, is the study of ancient texts such as the *vastushastras* in India or Feng Shui in China, as well as the approach and techniques used in ancient Europe, Egypt, South America, etc. All ancient cultures had developed an understanding and knowledge of the subtle effects of various energy fields and incorporated these into their structures and buildings which survive today, and whose study helps us rediscover this ancient knowledge, and more important, its application — the *raison d'etre* for these ancient architectural practices. The understanding of these subtle energy fields which had been mastered by our ancestors is necessary in order to learn how to apply them effectively under the constraints and limitations one is faced with today. ☯

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- Bill Schul and Ed Pettit, *The Secret Power of Pyramids*, Fawcett Gold Medal, New York.
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- a) The hairy lines or 'streamers' emanating from the form indicate that there is one flow of energy towards the interior and another flow towards the exterior.
- b) The area where there is no energy, linking the corners in the squares, triangle and rectangle, indicates a movement of energy outwards from within as can be seen from the photograph of the fingers of a person taken without the form (*control photo*), and then within the form, wherein we see that a considerable loss of energy has taken place from the individual's energy fields.



Another set of experiments, where a person was asked to keep his finger in the following forms: first in the square, then in the triangle, thereafter in the rectangle, and finally the circle, all with approximately a two minute interval in between, has given us very interesting results:

— The square, the triangle and the rectangle seem to have a rather strong impact upon the energy fields of the body, as the body field progressively diminishes and practically disappears.

— But the circle, surprisingly, restores the energy lost due to the other forms. Is that why instinctively all primitive societies have their huts/igloos in a round form, to prevent loss of body energy?

Work and study is necessary for understanding these complex radiations of energy of various forms, their interaction with orientation, proportions, and the various rhythms and energy fields of nature and human beings.

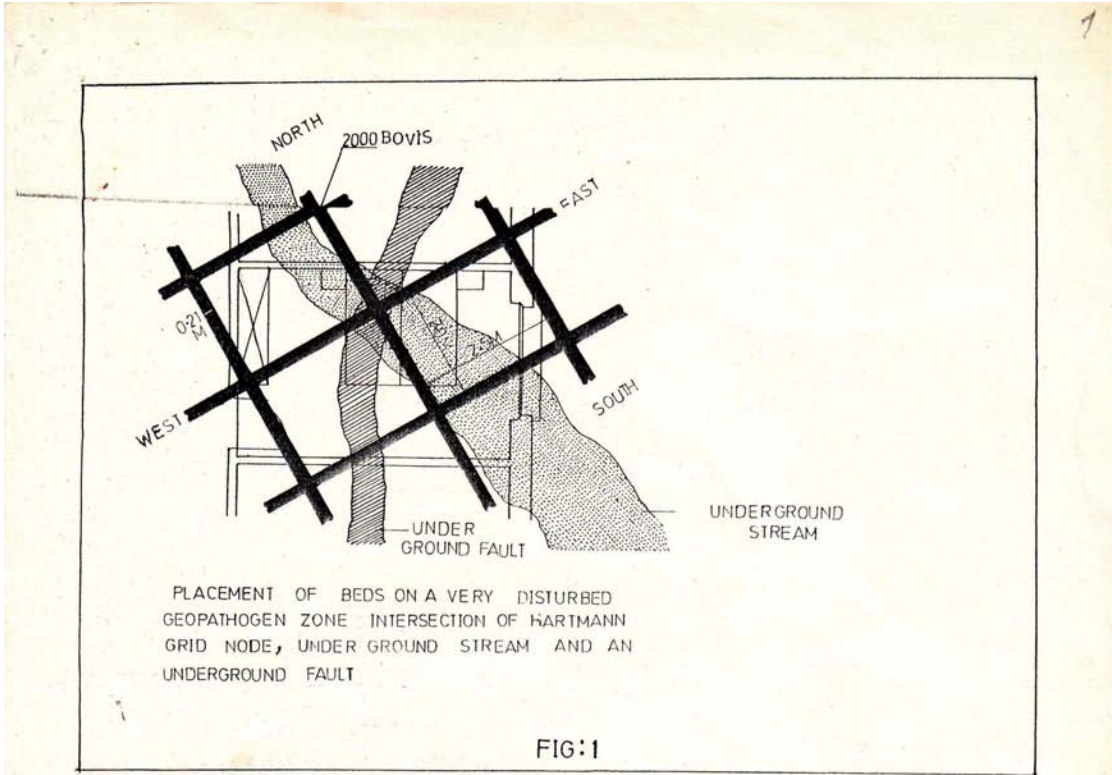


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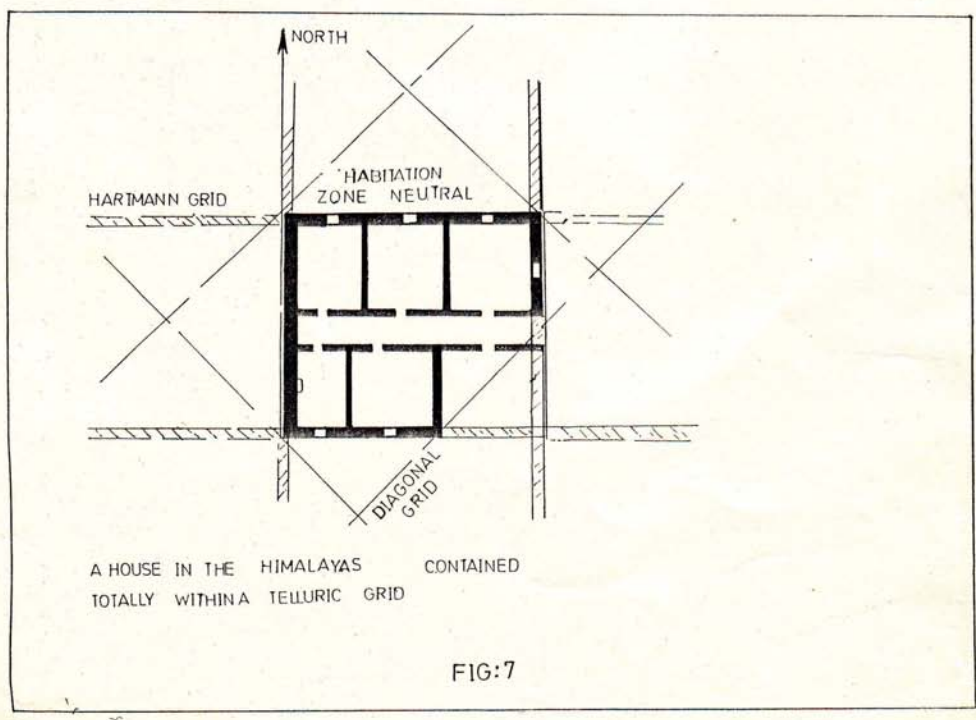


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