

A METHOD OF DETECTING AURA PHENOMENA

Dr.
By Hideo UCHIDA *

(Synopsis) As the result of prudent experiments, it was proved to exist the following phenomena.

The electrical charge is induced corresponding to only the electric field by electro-magnetic radiation energy and have no relation to the magnetic field when a conductor tip is moved in the electric field by the electro-magnetic radiation energy. In this phenomena, it is difficult to shield electrically. It is assumed as The Electric Field Induction Effect (E.F.I.E.). By a measuring equipment applied the E.F.I.E., experiments and observation of aura phenomena in the life environment are tried. In cooperation with mediums who can directly observe the aura, it was confirmed to detect and observe the facts of existing aura phenomena around such as animals, plants, minerals, all things in nature or life environment heavenly bodies in the space as well as around all human bodies.

By these matters mentioned above, the riddle of nimbus from the back of Buddha or Awagihara in Japan-Shinto also become to be solved. And further the following unknown phenomena can also be found. That is, there are some fields similar to the electro-static fields in the radiation fields of electro-magnetic wave energy. About these phenomena, I would like to bring forward a new problem showing many collected data of experiments.

Introduction:

This report describes about a hypothesis of The Electric Field Induction Effect due to the aura phenomena which can be found in every material of life environment as well as human body and are considered to be detected by applying already well-known technique in the field of electromagnetism, from the result of the investigation, experiments and research since 1963 in cooperation with many mediums who can directly witness the aura phenomena by their naked eyes.

The Electric Field Induction Effect seems to be similar to, but completely different from the Electro-Magnetic Induction Effect which was found by Professor Michael Faraday, about 130 years ago.

The Electro-Magnetic Induction Effect is a phenomenon that electro-motive force is induced when a conductor (coil) is moved perpendicular to the magnetic field vector. On the contrary, the Electric Field Induction Effect is a phenomenon that the electrical charge is induced corresponding to only the electric field by the electro-magnetic radiation energy, having no relation to the magnetic field when a material tip is moved parallel to the radiated direction in the electrical field by the electro-magnetic radiation energy. This phenomenon is extremely difficult to shield electrically.

When a tip of conductor or semi-conductor is used as the material tip which is moved in the electric field by the electro-magnetic radiation energy, the electrical charge is induced in the tip and then it is collected and detected as the variation of current.

This phenomenon is fundamentally different from the conventional electro-static induction. In case of the electro-static induction, the electric charge is induced in the strong electro-static fields, even if a conductor is not moved. And as is commonly known, the electro-static field is distributed in inverse proportion to the square of distance. Therefore, in the weak electro-static field, it is no more impossible to detect the electro-static induction by the stationary conductor tip. But even in the weak electro-static field, when there occurs some cause to disturb the

* Address: 4-18-5 Kamikitazawa, Setagaya-ku, Tokyo, 156, JAPAN

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distribution of electro-static field, a phenomenon comes about that the electrical charge is induced in the stationary conductor tip corresponding to the disturbance of the electro-static field. (reference data - 1).

Corresponding to the variation of the electric lines of force distribution in the electro-static field, the electrical charge distribution in the conductor tip varies. These results were attributed to the fundamental phenomena of The Electric Field Induction Effect which is considered to be a method of detecting aura phenomena.

In general, the conductor is supposed to be full of sojourn negative charge. It is considered that the sojourn negative charge distribution varies corresponding to variation of the electric lines of force distribution around the conductor. But when the conductor is shielded electrically, it is considerable that the electric lines of force distribution around the conductor is uniform. Therefore, when the conductor is shielded, the variation of electric lines of force distribution outside the shielding does not effect the conductor inside the shield.

It is proved by repeating prudent experiments that when a conductor tip is moved in the electric field by the electro-magnetic radiation energy with aura phenomena, the sojourn negative charge distribution in the conductor varies and as a result it induces the electric charge and current in spite of shielding the conductor.

The following report are the results from the investigations about the various fundamental properties.

The principle and the outline of measurement:

To detect the phenomena, the following method was used.

The tip of a conductor which was moved in the electric field by the electro-magnetic radiation energy was grounded through extremely high resistance, as in Fig. 1a. The variation in the sojourn negative charge causes into current through resistance, thus causing voltage at the terminal of extremely high resistance. The variation of voltage was amplified by the high gain direct current amplifier and detected by the indicator. In this case, still more necessary when the tip of a conductor was not shielded, the filter was connected to the input side of the direct current amplifier to eliminate interference due to broadcasting radio wave in space or domestic electric appliances in the commercial power lines. For example: Fig. 1b.

To detect the variation in the sojourn negative charge which increases or decreases according to the moving direction of the probe with the tip of a conductor, it is required to put the indicator to zero position by adjusting the bias under the stationary state of the probe. The zero adjustment is necessary so as to

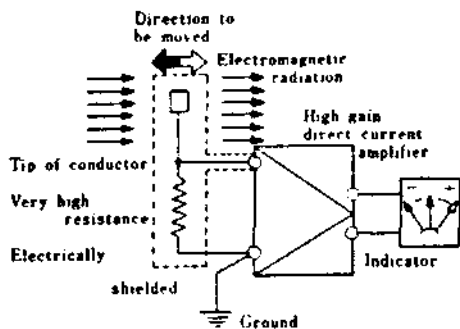


Fig. 1 a Principle of measurement

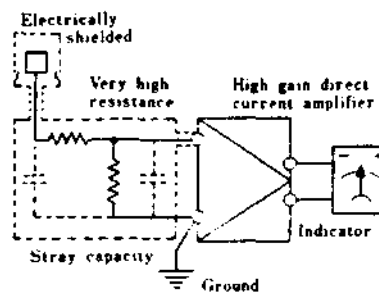


Fig. 1 b Above capacity and resistance construct a filtering circuit for interference.

eliminate the effect of static and ionizing electric field around the conductor tip.

To get the correct result of experiment, it is necessary to eliminate the aura radiation effect from the surrounding materials, because everywhere in environment is full of the aura by cosmic electro-magnetic waves, and the aura is radiated from every materials as well as human body. Therefore, it is also necessary to correct the constant by the environment to measure the aura by moving the probe. Further,

when the radiation source is moved, it is necessary to correct the effect caused from the electro-static field disturbance or from the Electric Field Induction by moving the radiation source pedestal itself.

It was confirmed that the shape of the electric field to be detected by the correction mentioned above was extremely similar to the shape of the aura radiation, in cooperation with 10 mediums. By prudent experiments, it was found that it was possible to detect the external appearance and the shape of aura in the steady condition, though it was difficult to detect the aura which varied instantaneously. Photo. 1 shows a portable type aura meter. Fig. 2 shows comparison between the shape of the aura measured by the aura meter and the shape sketched by mediums.

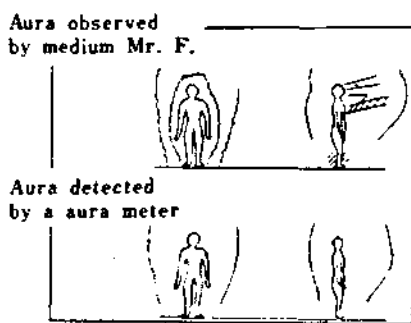


Fig. 2 front view side view



Photo-1 Aura meter

The relations between the variation of increase or decrease of electric charge induced by the Electric Field Induction and intensity of electric field by the electro-magnetic radiation energy, are as follows;

A) The electro-magnetic waves as a radiation energy source:

a) The negative charge increases when the conductor tip approaches the radiation source, i.e., the electric field of radiation energy varies towards stronger side, and decreases when it moves away from the source, i.e., the electric field of radiation energy varies towards weaker side. By the experiments, the quantity of increase or decrease of negative charge ΔQ is as follows;

$$\Delta Q \propto A \cdot E \cdot V \quad \text{Where } A: \text{ Surface area of conductor tip}$$

$$E: \text{ Intensity of radiation energy field}$$

$$V: \text{ Moving velocity}$$

At any point in the radiation energy field, putting the indicator to zero position, the detected polarity of ΔQ becomes minus, i.e., negative charge increases when in the direction of field where E becomes stronger, and on the contrary it becomes plus, i.e., negative charge decreases when in the direction of field where E becomes more weak.

b) When the conductor tip is electrically shielded, thus accompanying electrical attenuation, and the detected polarity is reversed.

B) The electric spark discharge as a radiation energy source;

The detected polarity is the same as the case of (A-a), but not reversed by shielding.

C) The isotope or solar light as a radiation energy source;

The detected polarity is completely reversed phenomena as in the case of (B), but not reversed by shielding.

D) When it is detected rotating the probe around a circle with a constant speed in the radiation energy fields, the following relations are concluded. i.e.,

In Fig. 3, when the probe is rotated from M_1 to a position where incident angle is equal to θ , the maximum value is obtained at T. As it is assumed to rotate around a circle limited only between $M_1 - M_2$, it is formulated as follows;

$$\sin \theta = R/\ell \quad \theta = \sin^{-1} (R/\ell)$$

Thus θ is formulated as a function of ℓ , that is;

- a) When ℓ gets nearer to R , being sufficiently small and comes finally $\ell = R$, $\theta = \pi/2$, and maximum value is obtained at M_2 . Similarly, at the M_4 maximum value with reverse polarity is obtained.
- b) When ℓ approaches to infinity, being sufficiently large and finally comes to $\ell = \infty$, $\theta = 0$ and maximum value is obtained at M_1 . Similarly, at M_3 maximum value with reverse polarity is obtained.
- c) When the size of radiation source is sufficiently small with respect to R , the result is the same as (D-a). But when the size of radiation source is large with respect to R just like radiation from the surface area, the result is the same as (D-b), even if ℓ is small.

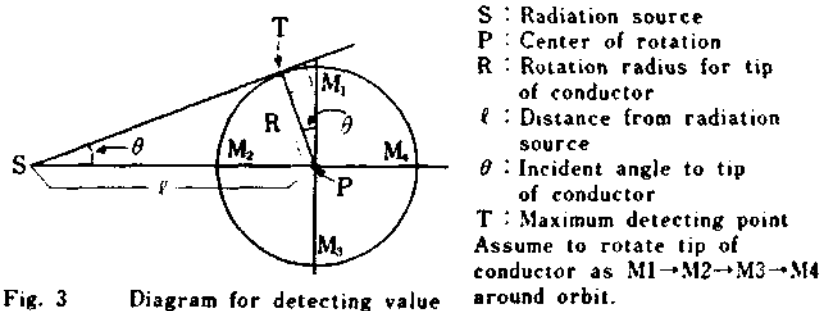


Fig. 3 Diagram for detecting value

The result of experiment:

These experiments by the aura meter applied the E.F.I.E. were prudently confirmed and recognized to be completely reproducible. Considering these results about aura phenomena, the following cases may be practical.

- A) The shielded microwave oscillator as a radiation source;
 - a) The negative charge increases when the conductor tip approaches the radiation source, and decreases when it moves away from the source.
 - b) The result as in (a) may be found even though the radiation source is perfectly shielded.
 - c) When the conductor tip is shielded, the meter shows a reversed polarity. In this case, the amplifier gain should be adjusted by the attenuator in it so as to compensate the gain reduction due to shielding. The Fig. 4 shows a experiment result in case of (A-a).
- B) An electric lamp as a radiation source;

The similar phenomena written in (A) were also observed, irrespective of A.C. or D.C. power supply. The Fig. 5 shows the experimental result of (B).
- C) The electric spark discharge as a radiation source;

The similar phenomena written in (A-a), and (A-b) were observed, but the meter has not shown reversed polarity in this case, unlike the case of (A-c).
- D) The isotope or solar light as a radiation source;

The negative charge decreases when the conductor tip approaches the radiation source, and increases when it moves away from the source, unlike the case of (A-a). In this case the polarity was not affected by shielding.
- E) The cosmic electro-magnetic waves as a radiation source;

In this case, the following significant phenomena were confirmed.
The negative charge increases when the conductor tip is moved to the direction of Orion and Perseus, and decreases when it is moved to the direction of Sagittarius and Scorpius. These phenomena was confirmed by the experiment at Tokyo, Osaka, Hiroshima and Okayama in Japan. In case of other cosmic electro-magnetic wave source, peculiar phenomena were respectively detected. The Fig. 6 shows the result by rotating measurement on a horizontal surface over about 8 meters high in the life

environment at Tokyo. When the conductor tip of the probe is not shielded, the directivity becomes not sharp, because the effect of ionizing electric field is mixed with the total electric field by electro-magnetic radiation energy which is latent in the life environment. On the contrary, when shielded, then the effect by ionizing electric field can be eliminated or decreased, the direction of mainly electro-magnetic waves radiation is detectable. By the experiments it is observed that the significantly stronger energy of electro-magnetic waves comparing to the energy by JOAK radio waves which is the largest radio broadcast station of 300 KW in Japan.

Signal generator as a radiation source.

Electric lamp as a radiation source.

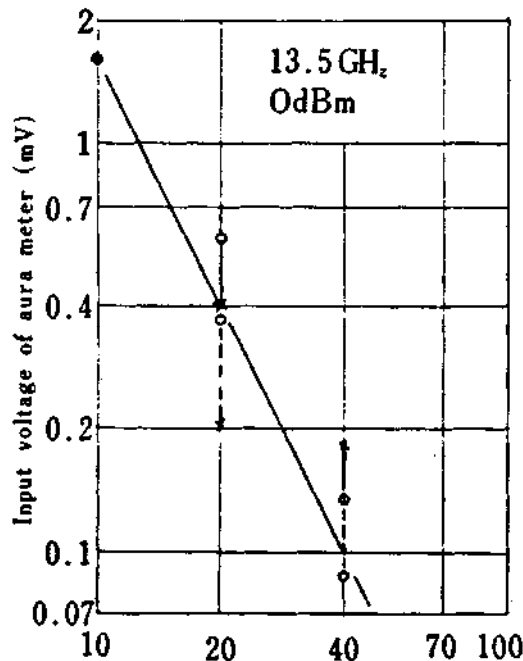
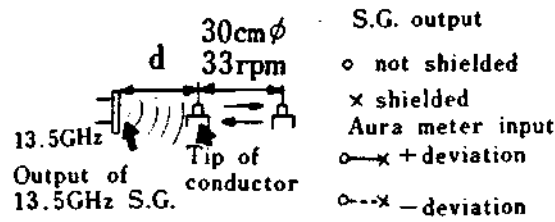


Fig. 4 Nearest distance d (cm)

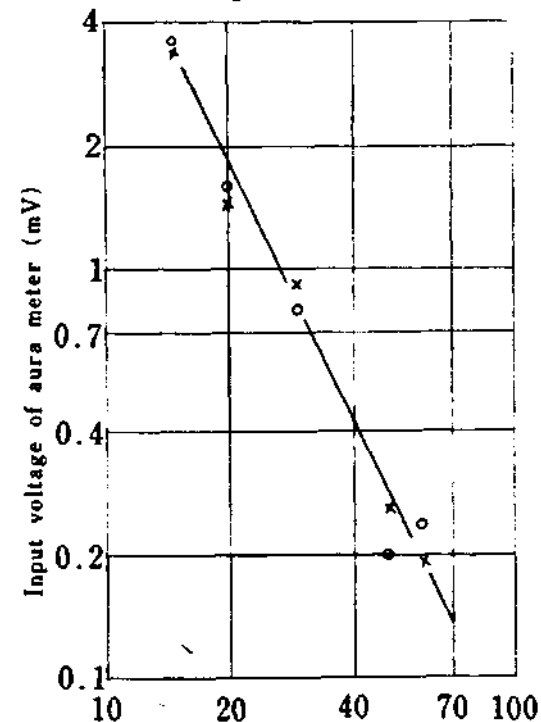
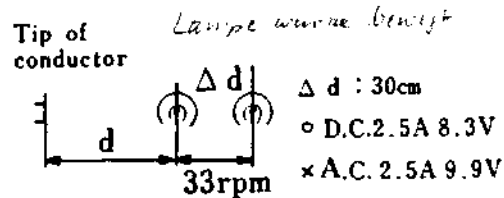


Fig. 5 Nearest distance d (cm)

F) The bioenergy of human body as a radiation source;

The negative charge increases when the conductor tip approaches human body and decreases when moving away from it. In the result of actual measurements about approximately 4,000 Japanese, it was found that there were fundamental shape of aura as shown in Fig. 7. The Fig. 8 shows the dimension of the aura shapes. The dimensions vary according to seasons, day and night, the weather, environment and its pollution.

In the bioenergy radiation field, it is observed that detected polarity is inversed by taking food and drink as well as health conditions. By showing the portion where the polarity is inversed by hatching, it is possible to show the effect of taking food and drink or the parts where it is ill or tired, just like Fig. 9. These phenomena were found close to the surface of the skin.

The bioenergy radiation by human body varies in radiation condition by feeling and consideration. If there are some worries or doubt in the human brain, it is observed that the shape of aura around the head trembles in some parts where the

radiation is weak, just as shown in Fig. 10. These phenomena are observed at the position a little apart from the surface of the skin over the head. When the aura is observed close to the skin over the head without tremble at the portion of the weak radiation, there were many cases caused by insufficient sleep or after effect of the heavy drinking.

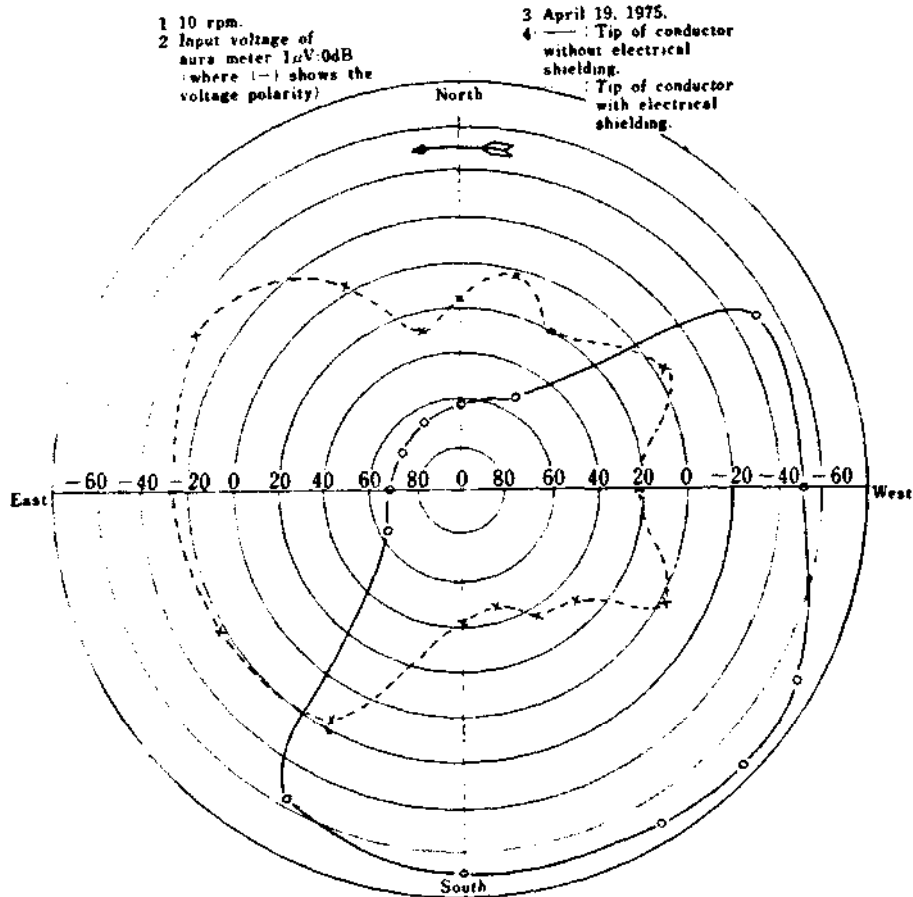


Fig 6 Directional electrical field from the environment

Fig. 7

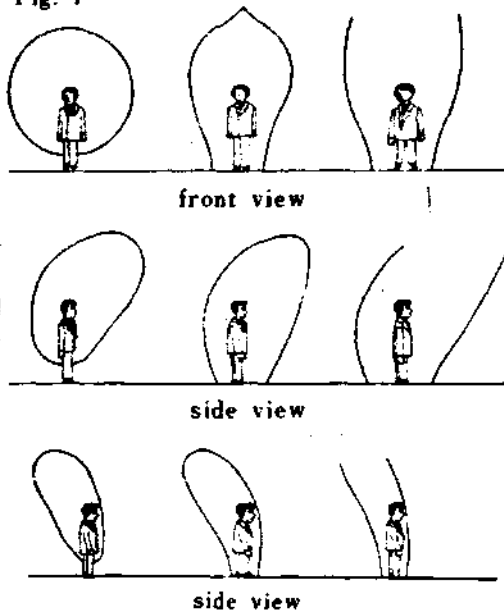
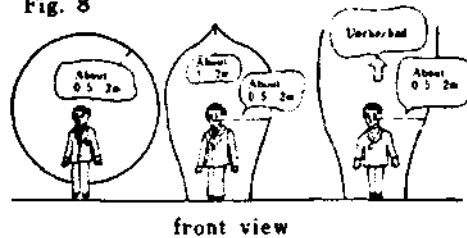


Fig. 8



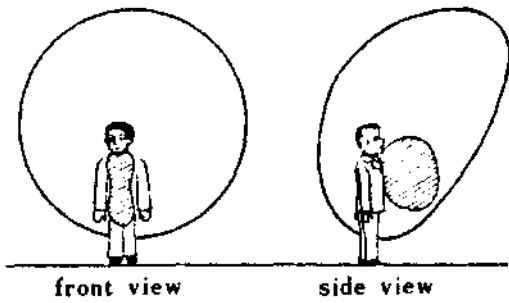


Fig. 9 Unusual aura caused by taking food and drink with positive electricity.

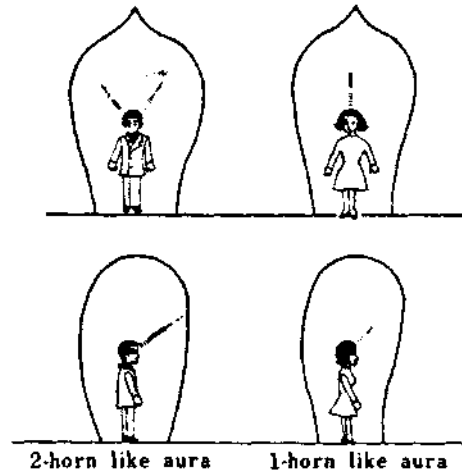


Fig. 11 Unusual aura around an angry person.

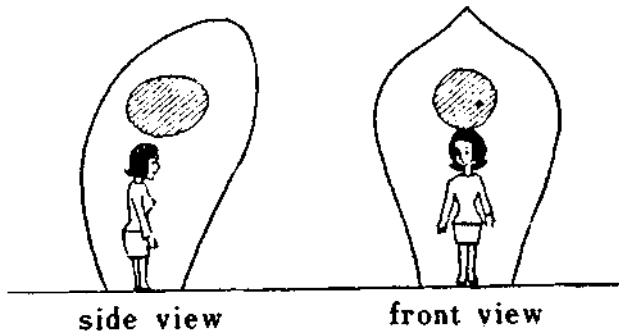


Fig. 10 Unusual aura around a person who has anguish of heart.

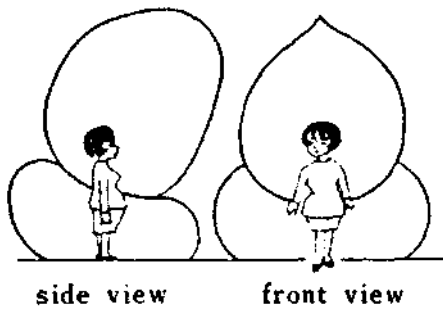


Fig. 12 Shape of aura around a pregnant woman.

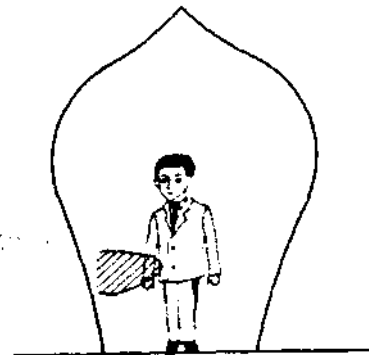


Fig. 13 Unusual aura around a person who has been operated upon for appendicitis.

When a person gets angry, it was observed that one or two horn shape radiation continued in several hours as shown in Fig. 11.

In case of pregnant, there observed a boundary zone between bioenergy radiation from pregnant and another radiation from embryo, just like Fig. 12. This boundary zone was measured several centimeters in width and the detected polarity was inversed there.

Fig. 13 shows the irregular aura radiation of human body who has been operated upon for appendicitis, it was observed irrespectively with clothes.

The following phenomena were rarely observed on the special human bodies.

When the conductor tip approaches the human body, the negative charge decreases around the head-top and groin, and vice versa when moving away from them. In this case the detected value is irregularly higher than usual average value, such as 100 times in voltage ratio and 10,000 times in power ratio. And the polarity to be detected in these phenomena was independent of shielding. These phenomena by the special human bodies are found in boys and girls in many cases. There occur the following phenomena.

They bring metal spoons around their head-top or groin, then the spoons are bended without using any tools or hand-power, only by reaction applying terrestrial gravitation.

G) The living energy of plants as a radiation source;

a) The negative charge increases when the conductor tip approaches the branches and leaves with living roots, and vice versa when moving away from them.

b) The polarity was reversed around the branches and leaves which have no roots or died.

c) The polarity was also reversed, when the conductor tip was shielded.

d) When the conductor tip was moved perpendicular to a trunk, very small variation of wave form was detected. The variation seems to be dependent on the annual ring density.

H) When the radiation source were moved, fixing the conductor tip;

The similar phenomena written above except the case of the cosmic electromagnetic waves were also observed.

Discussion:

The electric field distribution by the Electric Field Induction Effect seems to be similar to be observed in the electro-static field, but why the energy distribution similar to the electro-static field exists in the electro-magnetic energy radiation field? : Why exist the two sorts of electro-magnetic energy radiation field, of which the detected polarity is different each other? ; Why there are two cases where the detected polarity is reversed or not by shielding? ; so mentioned above, the fact that there are many problems concerning the electro-magnetic energy property, which can not sufficiently be explained has become apparent by the experiments described in this report.

The Electric Field Induction Effect will bring a very significant contribution to the electromagnetism as compared with the Faraday's law in an electro-magnetic field in the future, and also will become useful to resolve the riddle of the aura phenomena. Report of this type of research have apparently not been published to date, and many discussions must be required for this problem. The result of experiment and study were presented at The Second International Congress on Psychotronic Research, Monte Carlo which was held in 30th June to 4th July, 1975: (reference data - 2).

The author wishes to express his gratitude to Former Professor, Dr. Hideo SEKI, National University of Electro-Communications, Japan, for his frequent and helpful advices, and kind cooperations.

Reference data:

1) Maxime G. Kaufman (U.S. Naval Research Laboratory) "Force Field Detection of Objects in Space". 1966 IEEE International Convention Record, Part 10.

2) Hideo Uchida "Electric Field Induction Effect and its application to Flying Saucers". The Second International Congress on Psychotronic Research.

Comment by Prof. Dr. Hideo SEKI:

The underlying principle behind the phenomena found by Dr. UCHIDA is not yet known today, but I found very interesting and important for the development of psychotronics research.