

“Study of connecting point with three-dimensions and four-dimensions by pictorial art”

Part - 5

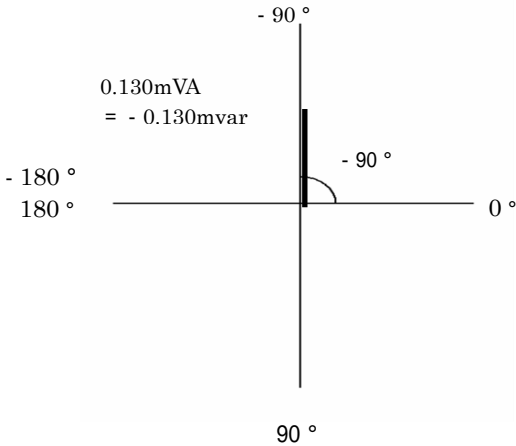
(including experiment a-3 , experiment a-2, part 7, part - 8)

The opening of the measurement of the time energy.

(The time energy: past future and future past)

The time energy= The super gravity

$$VA = - var$$



MANUAL		
2.241 V	0.0580mA	0.100mAp
0.000mW	0.130mVA	- 0.130mvar
-0.0000(PF)	- 90.00 DEG	50.035 Hz

- 0.0000PF LED lighting-up
 0.130mVA = - 0.130mvar
 W=0.000mW - 90.00 DEG

April, 2006
 Koei Endo
 Ikuyo Endo

1 . The purpose of the this paper

By this paper "Time energy "is described from "Experiment a-3".
 The measurement of the time (the past future and the future past)
 energy = The success of the measurement of the super gravity

The time energy: past future and future past

The time energy= The super gravity

$$VA = - var$$

"VA = - var" This was measured by the connection which the
 ampere-hour meter is opposite to.

$$VA = - var (- 90.00DEG)$$

$$VA = var(90.00DEG)$$

The figure is b.(p.6,8,10)

The figure is b-2 (p.8,10)

LED lights up!

MANUAL			
2.241 V	0.0580mA	0.100mAP	
0.000mW	0.130mVA	- 0.130mvar	
-0.0000(PF)	- 90.00 DEG	50.035 Hz	

Impossible to measure
 The display only by the drawing a figure

This, VA = var(90.00DEG) , can be reversed by constructing it. But, it isn't possible to do the reverse of the substance.

The reverse of the substance becomes like this. The figure is b-3 .

LED lights up!

MANUAL			
2.196 V	0.0000mA	0.000mAP	
0.000mW	0.000mVA	0.000mvar	
o.r(PF)	o.r DEG	49.980 Hz	

Moreover, LED lights up by this measured value.

This is the success of the measurement of the super gravity .

The time energy: past future and future past

The time energy = The super gravity

$$VA = - var$$

"VA = - var" This can be shown in the vertical axis of "Figure time
 - 3 (p.10)" .

In this paper, it did two different connections which depend on the
 ampere-hour meter. Usual connection (Experiment a- 2) and the opposite
 connection (Experiment a-3)

The ampere-hour meter measurement experiment in white LED lighting-up
 by connecting two IKOSOLID lumps to the 4 directions of length with the
 line on the side of the earth and the side of the non- earth respectively from
 the three-dimensional 8 directions (the 4 of being transversal of the
 crossness directions, the 4 of being lengthwise directions) of IKOSOLID
 minus-SEPTIMALNOTATION of X³ of 1 : - 8 . Two IKOSOLID lumps
 refer to the paper of part - 8 .

IKOSOLID has features as the crystal. As said to by the crystallography, the diffraction occurs with the beam or the impressing of X rays, electron and neutron to “IKOSOLID” crystallization. The measurement of the ampere-hour meter in this paper corresponds to the IKOSOLID structure of the paper of part - 8.

The comparison between Experiment a-3 and Experiment a-2

Experiment a-3 : The ampere-hour meter connected to be opposite to the line.

VA = - var
LED lighting-up

MANUAL			
2.241 V	0.0580mA	0.100mAp	
0.000mW	0.130mVA	- 0.130mvar	
-0.0000(PF)	- 90.00 DEG	50.035 Hz	

Experiment a-3 The ampere-hour meter data A April 4th in 2006(p.7)

IKOSOLID lump of the side of the non- earth 1.2mG 500V/m
IKOSOLID lump of the side of the earth 1.1mG 500V/m

(The maximum measuring range 1000V/m) Experiment a-3

Experiment a-2 : The ampere-hour meter connected to be ordinary to the line.

x A = 0 = VA = W

LED lighting-up

MANUAL			
2.196 V	0.0000mA	0.000mAp	
0.000mW	0.000mVA	0.000mvar	
0.0(PF)	0.0 DEG	49.980 Hz	

Part 5 The ampere-hour meter data B March 30th in 2006(p.12)

V x A = 0 < VA = W

LED lighting-up

MANUAL			
2.257 V	0.0000mA	0.0000mAp	
0.066mW	0.066mVA	0.000mvar	
1.0000(PF)	0.00 DEG	49.985 Hz	

Experiment a-2 The ampere-hour meter data B March 14th in 2006(p.23)

IKOSOLID lump of the side of the non- earth 1.2mG 1000V/m
IKOSOLID lump of the side of the earth 1.8mG 1000V/m

(The maximum measuring range 1000V/m) Experiment a-2

The insertion :

Experiment a-3 p.4~7

The attachment :

Experiment a-2 p.13~30

Verification of Maxwell’s demon by power factor improvement (Excerpt: Study of connecting point with three-dimensions and four-dimensions by pictorial art The 7th article) p.31~37

Study of connecting point with three-dimensions and four-dimensions by pictorial art part - 8 p.38 ~ 41

April 6th in 2006

Koei Endo

Ikuyo Endo

The ampere-hour meter measurement experiment in white LED lighting-up
by connecting two IKOSOLID lumps to the 4 directions of length with the line on the side of the earth and the side of the non-earth respectively from the three-dimensional 8 directions (the 4 of being transversal of the crossness directions, the 4 of being length directions) of IKOSOLID minus-SEPTIMALNOTATION of X^3 of 1 : - 8 .

Ampere-hour meter: the opposite connection

The laboratory instruments

White LED NICHIA NSPW-500BS
Ampere - hour meter : HIOKI Power High Tester 3 3 3 2
Slidac Yamabishi TYPE S-130-20(20A)
Gauss meter • TriField Meter Instructions
Model 100XE(50Hz) made in USA

The experiment environment.

The two IKOSOLID lumps to the 4 directions of length with the line on the side of the earth and the side of the non-earth respectively from the three-dimensional 8 directions (the 4 of being transversal of the crossness directions, the 4 of being length directions) of IKOSOLID minus-SEPTIMALNOTATION of X^3 of 1 : - 8 .

It is the ampere-hour meter measurement when radiating the two IKOSOLID lumps for REAL CUBE of $3m \times 3m \times 3m$ size type. The human body and the cat go in and out of the central space of this REAL CUBE.

It connects this experiment to the resonance of the natural frequency of the human body and the natural frequency of the global natural disaster with IKOSOLID (=REAL CUBE). When the time energy of the table decreases, the time energy of the back appears in the three-dimensional world.

Resonance of then by IKOSOLID shows to prevent beforehand and relaxation effect in the earthquake, the typhoon and hurricane. The measurement of the super gravity which becomes its cause is this experiment.

April 4th in 2006 At K.I.RESEARCH INSTITUTE

Koei Endo

Ikuyo Endo

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a. The wiring diagram

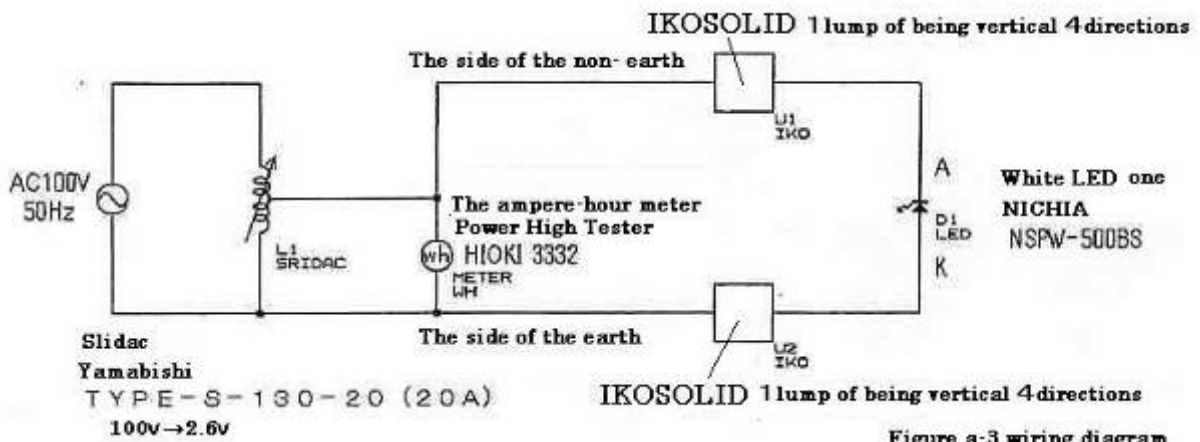


Figure a-3 wiring diagram

Reference: "Part - 8" attached to this paper in IKOSOLID lump

b. The ampere-hour meter (entry / output The opposite connection
The occurrence of the phase-inversion)

The input-resistance of
the side of the electric current 2mΩ

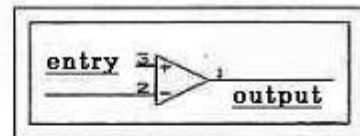
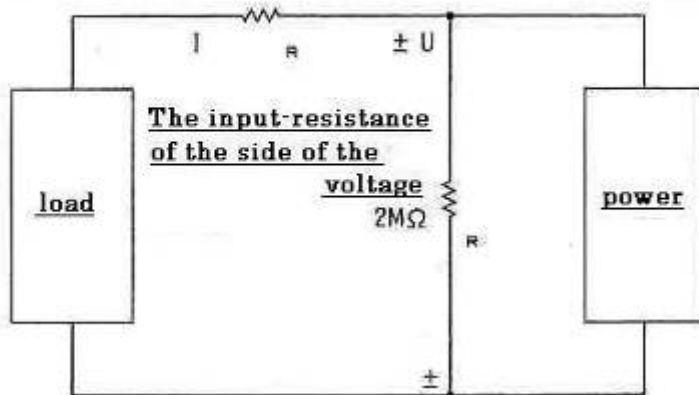


Figure a-3 ampere-hour meter
The opposite connection

Reference: Usual connection of the ampere-hour meter. Experiment a-2 attached to this paper

c . The gauss-meter measurement of IKOSOLID lump of the length 4 directions from IKOSOLID lump of 8 directions of three-dimension(The diagonal side 4 directions and the length 4 directions).

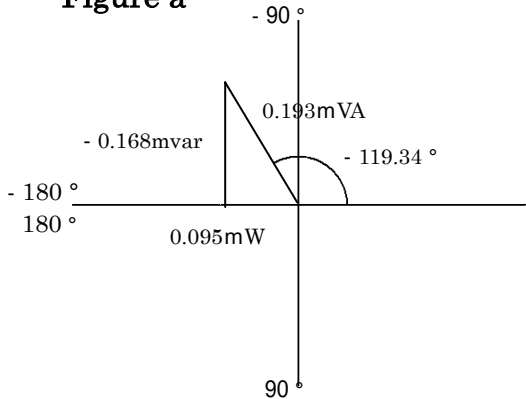
(The power factor 0.4 ~ 0.6) April 4th in 2006 18:00
 IKOSOLID lump of the side of the non-earth 1.2mG 500V/m
 IKOSOLID lump of the side of the earth 1.1mG 500V/m
 (The maximum measuring range 1000V/m)

A , The measurement of the ampere-hour meter of the lines which connected with the IKOSOLID lump when the white LED lights up

< It excerpts from measured data A., The measured data A attachment to the end of this experiment a-3 >

Figure a,b,c, ampere-hour meter : opposite connection phase-inversion

Figure a



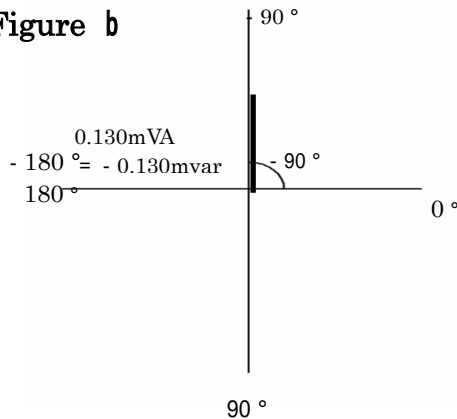
MANUAL		
2.253 V	0.0857mA	0.161mAP
- 0.095mW	0.193mVA	- 0.168mvar
-0.4900(PF)	-119.34 DEG	49.988 Hz

Experiment a-3 The ampere-hour meter data A April 4th in 2006(p.7)

**- 0.4900 PF LED lighting-up
Able to measure of the turning-over to
the table**

$$VA = - var$$

Figure b



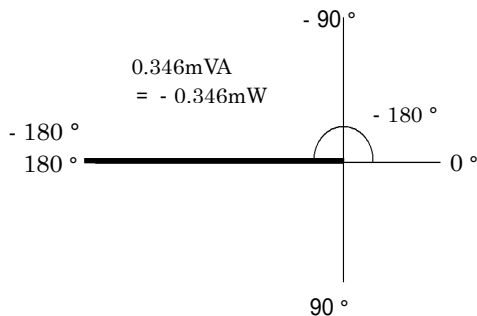
MANUAL		
2.241 V	0.0580mA	0.100mAP
0.000mW	0.130mVA	- 0.130mvar
-0.0000(PF)	- 90.00 DEG	50.035 Hz

Experiment a-3 The ampere-hour meter data A April 4th in 2006(p.7)

**- 0.0000PF LED lighting-up
「0.130mVA= - 0.130mvar」
「W=0.000mW」**

Turning-over measurement's being impossible

Figure c



00000:10:00		
2.146 V	0.1565mA	0.509mAP
- 0.346mW	0.346mVA	- 0.000mvar
-1.0000(PF)	-180.00 DEG	49.981 Hz

Experiment a-3 The ampere-hour meter data A April 4th in 2006(p.7)

**- 1.0000PF LED lighting-up
0.346mVA= - 0.346mW
var = - 0.000mvar**

**Able to measure of the turning-over to the
table**

The ampere-hour meter measured data A April 4th in 2006 11:40-11:50

Figure a-3 ampere-hour meter ,p.5.The opposite connection.

```
MANUAL
2.253 V      0.0857mA     0.161mAe
- 0.095mW    0.193mVA     - 0.168mvar
-0.4900(PF) -119.34 DEG  49.988 Hz
INTEGRATOR
TOTAL TIME   00005:30:00
3.21974mAh  3.6356mAh(+)
- 0.9127mAh(-)
INTERVAL TIME 00000:00:00
0.00000mAh  0.0000mAh(+)
0.0000mAh(-)
```

INTEGRATOR START

```
00000:00:00
2.258 V      0.0859mA     0.169mAe
- 0.094mW    0.194mVA     - 0.169mvar
-0.4870(PF) -119.14 DEG  49.990 Hz
INTEGRATOR
TOTAL TIME   00005:30:00
3.21974mAh  3.6356mAh(+)
- 0.9127mAh(-)
INTERVAL TIME 00000:00:00
0.00000mAh  0.0000mAh(+)
0.0000mAh(-)
```

```
MANUAL
2.255 V      0.0746mA     0.145mAe
- 0.079mW    0.168mVA     - 0.148mvar
-0.4728(PF) -118.22 DEG  50.019 Hz
INTEGRATOR
TOTAL TIME   00005:32:46
3.22340mAh  3.6356mAh(+)
- 0.9160mAh(-)
INTERVAL TIME 00000:02:46
0.00366mAh  0.0000mAh(+)
- 0.0034mAh(-)
```

```
MANUAL
2.241 V      0.0580mA     0.100mAe
- 0.000mW    0.130mVA     - 0.130mvar
-0.0000(PF) - 90.00 DEG  50.035 Hz
INTEGRATOR
TOTAL TIME   00005:32:59
3.22363mAh  3.6356mAh(+)
- 0.9161mAh(-)
INTERVAL TIME 00000:02:59
0.00389mAh  0.0000mAh(+)
- 0.0034mAh(-)
```

```
MANUAL
2.223 V      0.0635mA     0.106mAe
- 0.000mW    0.141mVA     - 0.141mvar
-0.0000(PF) - 90.00 DEG  50.008 Hz
INTEGRATOR
TOTAL TIME   00005:33:34
3.22401mAh  3.6356mAh(+)
- 0.9161mAh(-)
INTERVAL TIME 00000:03:34
0.00427mAh  0.0000mAh(+)
- 0.0034mAh(-)
```

```
00000:05:00
2.226 V      0.1670mA     0.352mAe
- 0.244mW    0.372mVA     - 0.280mvar
-0.6567(PF) -131.05 DEG  50.000 Hz
INTEGRATOR
TOTAL TIME   00005:35:00
3.22823mAh  3.6356mAh(+)
- 0.9214mAh(-)
INTERVAL TIME 00000:05:00
0.00849mAh  0.0000mAh(+)
- 0.0087mAh(-)
```

```
00000:10:00
2.146 V      0.1565mA     0.509mAe
- 0.346mW    0.346mVA     - 0.000mvar
-1.0000(PF) -180.00 DEG  49.981 Hz
INTEGRATOR
TOTAL TIME   00005:40:00
3.24793mAh  3.6356mAh(+)
- 0.9467mAh(-)
INTERVAL TIME 00000:05:00
0.01970mAh  0.0000mAh(+)
- 0.0253mAh(-)
```

```
00000:15:00
2.252 V      0.2589mA     0.940mAe
- 0.328mW    0.583mVA     - 0.482mvar
-0.5632(PF) -124.28 DEG  50.041 Hz
INTEGRATOR
TOTAL TIME   00005:45:00
3.27055mAh  3.6356mAh(+)
- 0.9761mAh(-)
INTERVAL TIME 00000:05:00
0.02262mAh  0.0000mAh(+)
- 0.0295mAh(-)
```

INTEGRATOR STOP

```
MANUAL
2.290 V      0.3019mA     0.557mAe
- 0.398mW    0.631mVA     - 0.565mvar
-0.5754(PF) -125.13 DEG  50.013 Hz
INTEGRATOR
TOTAL TIME   00005:45:00
3.27055mAh  3.6356mAh(+)
- 0.9761mAh(-)
INTERVAL TIME 00000:00:00
0.00000mAh  0.0000mAh(+)
0.0000mAh(-)
```

It is *The insertion: experiment a-3 p.4 ~ p.7* to here.

2 . The measurement of the lengthwise axis . When thinking that it measures the back (b) and table (b-3) about the following figure b and b-3, it thinks that it measured the energy of the vertical axis which the general measurement is difficult for. It thinks that this is the opening of the measurement of the time (the past future, the future past) energy by the this paper.

abc Opposite connection
Phase-inversion (Reference a-3)

abc re-returning-over in-phase
 (It is due to the drawing a figure.)

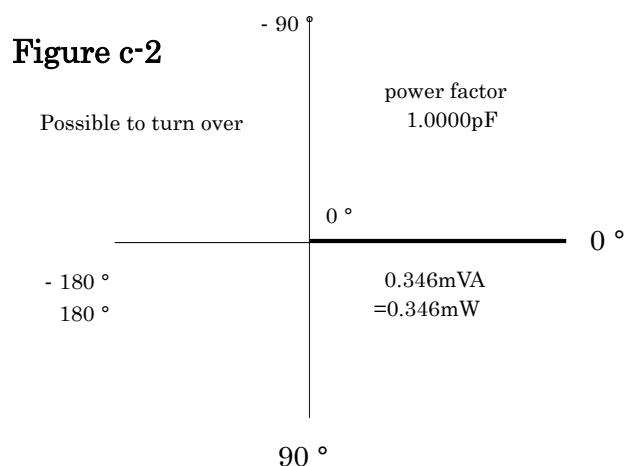
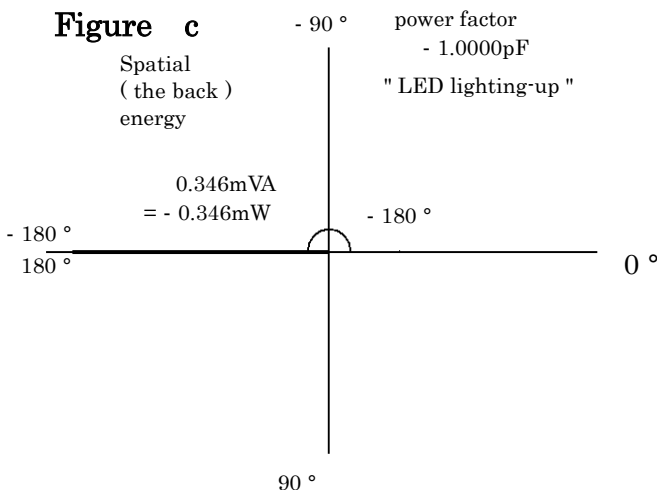
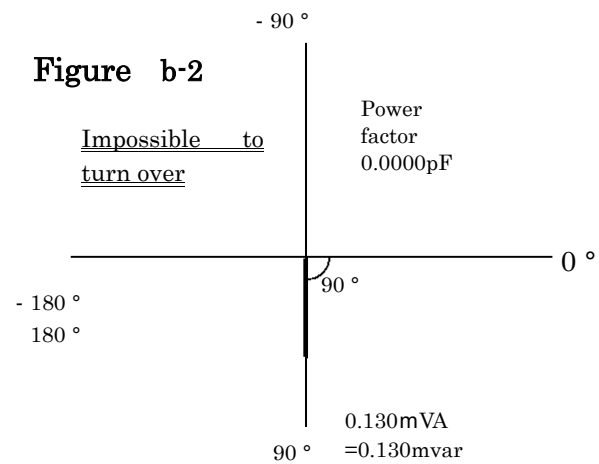
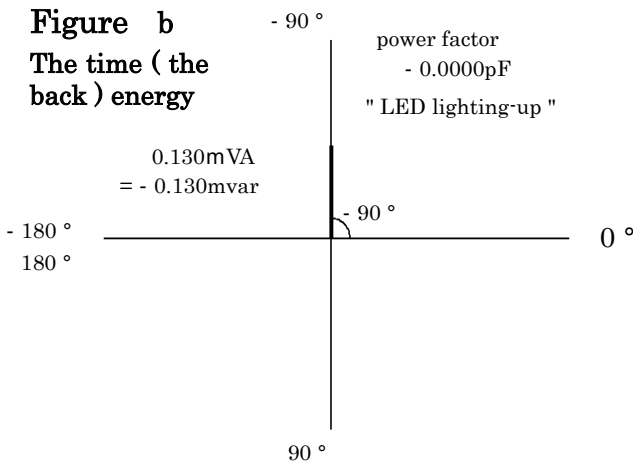
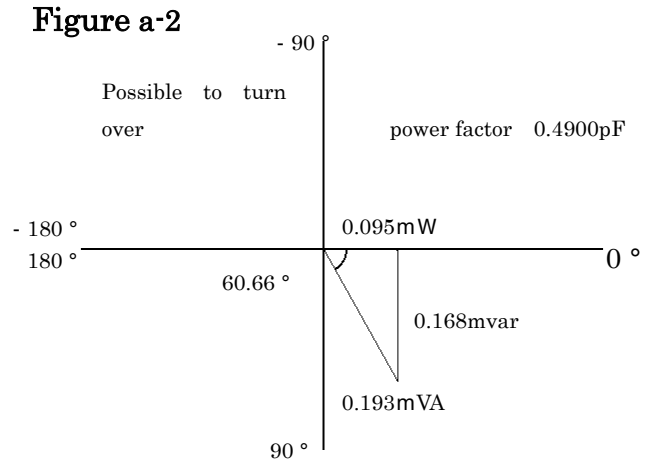
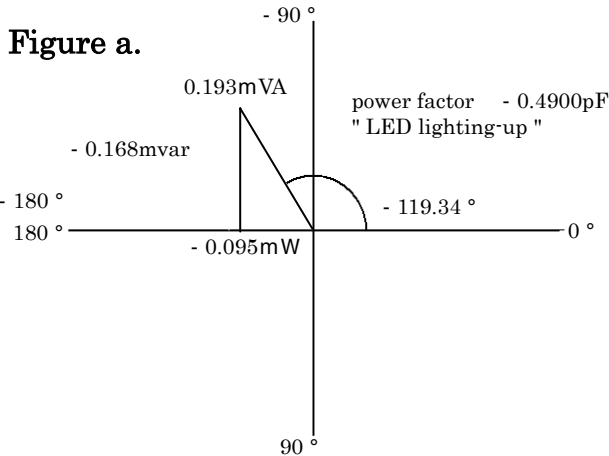
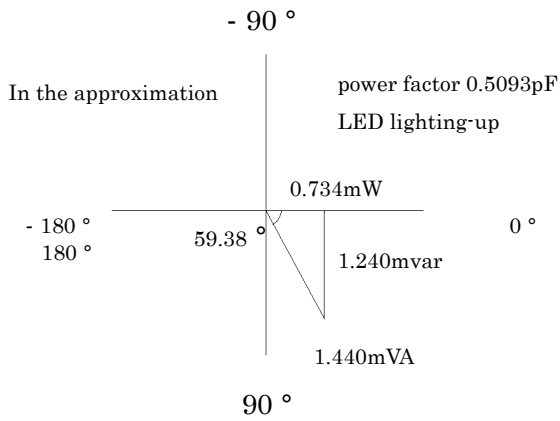


Figure a,b,c The substance re- reverse(Substance measurement)

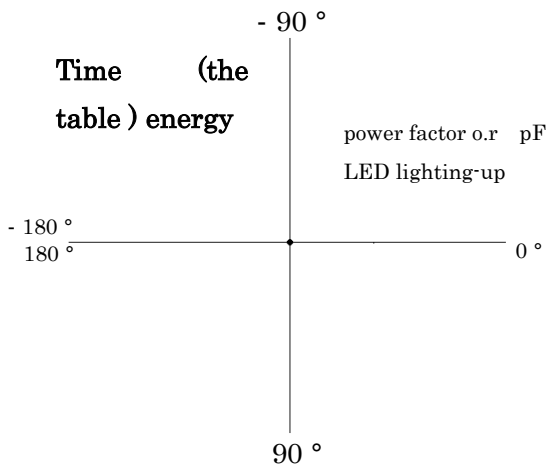
Figure a-3



```
0000:00:00
2.319 V      0.6211mA    1.932mAp
0.734mW     1.440mVA    1.240mvar
0.5093(PF)  59.38 DEG   49.967 Hz
```

Ampere-hour meter data A part - 5 (p.11)

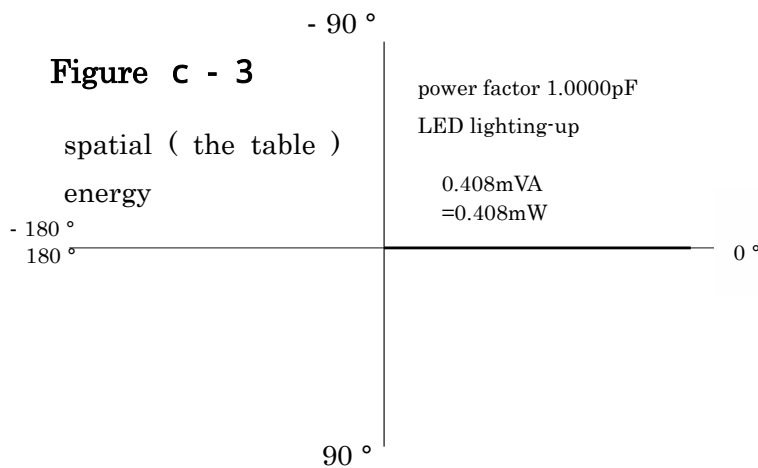
Figure b - 3



```
MANUAL
2.196 V      0.0000mA    0.000mAp
0.000mW     0.000mVA    0.000mvar
0.r(PF)     0.r DEG     49.980 Hz
```

Ampere-hour meter data B part - 5 (p.12)

Figure c - 3

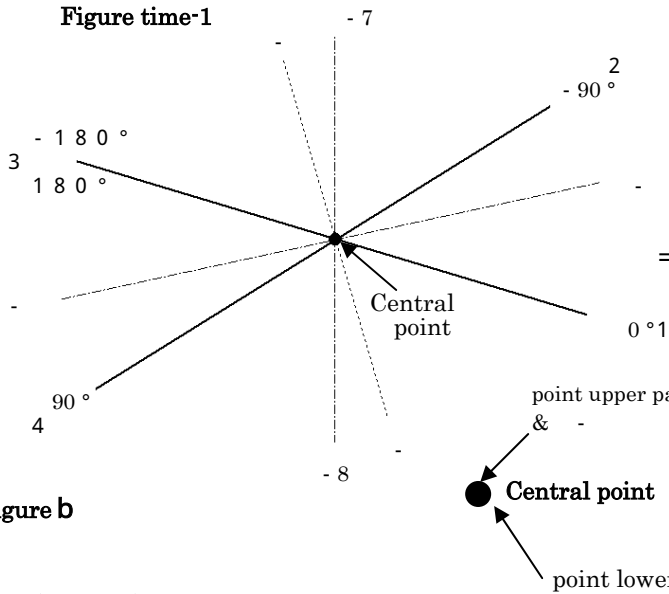


```
MANUAL
2.240 V      0.1187mA    0.768mAp
0.408mW     0.408mVA    0.000mvar
1.0000(PF)  0.00 DEG    49.971 Hz
```

Ampere-hour meter data B part - 5 (p.12)

3 . The coordinates figure of Time (The back = future past) and Time (The table = past future)

The three-dimensional notation



The two-dimensional notation

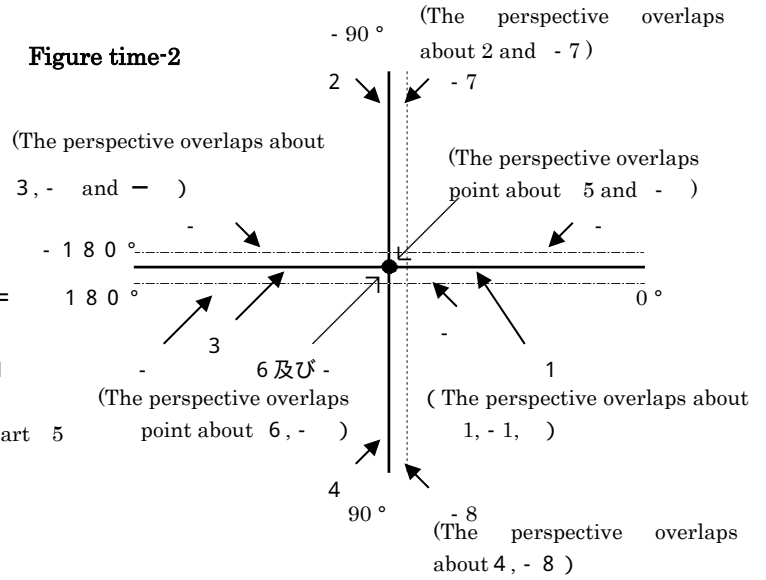


Figure b

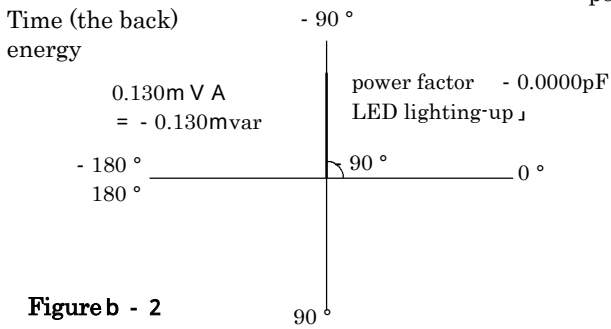


Figure b - 2
turning over by the drawing a figure

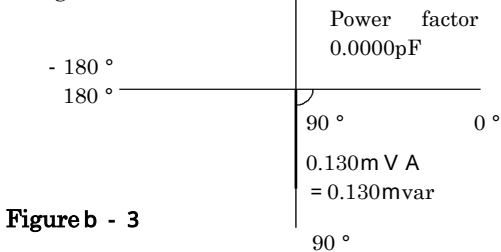
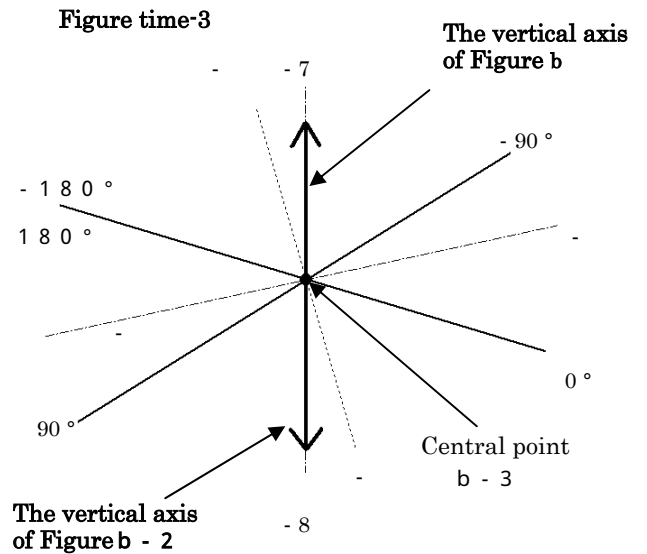


Figure b - 3



The three-dimensional 8 directions

(the 4 of being transversal of the crossness directions = - , - , - , -)
 (the 4 of being length directions = - ~ - 7, - ~ - 8)

Reference: the fundamental form of the lump of IKOSOLID of the paper of part - 8 (p.38~41)

The ampere-hour meter measured data A March 30th in 2006 17:40 ~ 17:55

Ampere-hour meter: the ordinary connection

```

MANUAL
  2.285 V      0.4544mA      1.570mAp
  0.717mW     1.030mVA      0.751mvar
  0.6905(PF)  45.33 DEG     49.980 Hz
INTEGRATOR
TOTAL TIME    00000:31:09
  0.43184mAh  0.6184mWh(+)
  0.0000mWh(-)
INTERVAL TIME 00000:00:00
  0.00000mAh  0.0000mWh(+)
  0.0000mWh(-)

INTEGRATOR START

00000:00:00
  2.319 V      0.6211mA      1.832mAp
  0.734mW     1.440mVA      1.240mvar
  0.5093(PF)  59.38 DEG     49.967 Hz
INTEGRATOR
TOTAL TIME    00000:31:09
  0.43184mAh  0.6184mWh(+)
  0.0000mWh(-)
INTERVAL TIME 00000:00:00
  0.00000mAh  0.0000mWh(+)
  0.0000mWh(-)

00000:05:00
  2.327 V      0.5734mA      1.816mAp
  0.693mW     1.334mVA      0.991mvar
  0.6692(PF)  49.00 DEG     49.965 Hz
INTEGRATOR
TOTAL TIME    00000:36:08
  0.48060mAh  0.6893mWh(+)
  0.0000mWh(-)
INTERVAL TIME 00000:05:00
  0.04876mAh  0.0709mWh(+)
  0.0000mWh(-)

00000:10:00
  2.314 V      1.1241mA      3.678mAp
  1.618mW     2.601mVA      2.037mvar
  0.5220(PF)  51.54 DEG     49.988 Hz
INTEGRATOR
TOTAL TIME    00000:41:08
  0.56225mAh  0.8056mWh(+)
  0.0000mWh(-)
INTERVAL TIME 00000:05:00
  0.08165mAh  0.1163mWh(+)
  0.0000mWh(-)

00000:15:00
  2.307 V      0.9350mA      2.956mAp
  1.510mW     2.160mVA      1.717mvar
  0.6064(PF)  52.67 DEG     49.974 Hz
INTEGRATOR
TOTAL TIME    00000:46:08
  0.65214mAh  0.9327mWh(+)
  0.0000mWh(-)
INTERVAL TIME 00000:05:00
  0.08989mAh  0.1271mWh(+)
  0.0000mWh(-)

INTEGRATOR STOP

MANUAL
  2.350 V      1.2099mA      3.701mAp
  1.727mW     2.843mVA      2.258mvar
  0.6075(PF)  52.59 DEG     49.978 Hz
INTEGRATOR
TOTAL TIME    00000:46:09
  0.65214mAh  0.9327mWh(+)
  0.0000mWh(-)
INTERVAL TIME 00000:00:00
  0.00000mAh  0.0000mWh(+)
  
```

The ampere-hour meter measured data B March 30th in 2006 14:35 ~ 14:40

Ampere-hour meter: the ordinary connection

```

MANUAL
  2.196 V      0.0000mA      0.000mAp
  0.000mW      0.000mVA      0.000mvar
  a.r(PF)      a.r DEG      49.980 Hz
INTEGRATOR
TOTAL TIME 00002:00:00
  1.34312mAh      1.9379mWh(+)
  0.0000mWh(-)
INTERVAL TIME 00000:00:00
  0.00000mAh      0.0000mWh(+)
  0.0000mWh(-)
    
```

INTEGRATOR START

```

00000:00:00
  2.165 V      0.0000mA      0.000mAp
  0.000mW      0.000mVA      0.000mvar
  a.r(PF)      a.r DEG      50.017 Hz
INTEGRATOR
TOTAL TIME 00002:00:00
  1.34312mAh      1.9379mWh(+)
  0.0000mWh(-)
INTERVAL TIME 00000:00:00
  0.00000mAh      0.0000mWh(+)
  0.0000mWh(-)
    
```

```

00000:00:36
  2.330 V      1.0792mA      3.198mAp
  1.545mW      2.514mVA      1.983mvar
  0.6145(PF)    52.08 DEG      49.986 Hz
INTEGRATOR
TOTAL TIME 00002:00:36
  1.34460mAh      1.9399mWh(+)
  0.0000mWh(-)
INTERVAL TIME 00000:00:36
  0.00149mAh      0.0020mWh(+)
  0.0000mWh(-)
    
```

INTEGRATOR STOP

INTEGRATOR START

```

00000:00:00
  2.326 V      0.7998mA      2.090mAp
  1.208mW      1.861mVA      1.416mvar
  0.6490(PF)    49.53 DEG      50.001 Hz
INTEGRATOR
TOTAL TIME 00002:00:36
  1.34460mAh      1.9399mWh(+)
  0.0000mWh(-)
INTERVAL TIME 00000:00:00
  0.00000mAh      0.0000mWh(+)
  0.0000mWh(-)
    
```

00000:00:01

```

  2.319 V      0.5529mA      1.854mAp
  0.964mW      1.282mVA      0.845mvar
  0.7520(PF)    41.24 DEG      50.001 Hz
INTEGRATOR
TOTAL TIME 00002:00:38
  1.34490mAh      1.9403mWh(+)
  0.0000mWh(-)
INTERVAL TIME 00000:00:01
  0.00029mAh      0.0004mWh(+)
  0.0000mWh(-)
    
```

INTEGRATOR STOP

INTEGRATOR START

```

00000:00:00
  2.315 V      0.4981mA      1.702mAp
  0.860mW      1.153mVA      0.768mvar
  0.7459(PF)    41.76 DEG      50.013 Hz
INTEGRATOR
TOTAL TIME 00002:00:38
  1.34490mAh      1.9403mWh(+)
  0.0000mWh(-)
INTERVAL TIME 00000:00:00
  0.00000mAh      0.0000mWh(+)
  0.0000mWh(-)
    
```

MANUAL

```

  2.319 V      0.7400mA      2.263mAp
  1.112mW      1.716mVA      1.307mvar
  0.6482(PF)    49.60 DEG      49.996 Hz
INTEGRATOR
TOTAL TIME 00002:00:46
  1.34610mAh      1.9421mWh(+)
  0.0000mWh(-)
INTERVAL TIME 00000:00:08
  0.00121mAh      0.0018mWh(+)
  0.0000mWh(-)
    
```

MANUAL

```

  2.240 V      0.1187mA      0.763mAp
  0.408mW      0.408mVA      0.000mvar
  1.0000(PF)    0.00 DEG      49.971 Hz
INTEGRATOR
TOTAL TIME 00002:00:55
  1.34725mAh      1.9438mWh(+)
  0.0000mWh(-)
INTERVAL TIME 00000:00:17
  0.00236mAh      0.0034mWh(+)
    
```

The attachment: p.13 ~ p.30

The ampere-hour meter measurement experiment in white LED lighting-up

by connecting two IKOSOLID lumps to the 4 directions of length with the line on the side of the earth and the side of the non-earth respectively from the three-dimensional 8 directions (the 4 of being transversal of the crossness directions, the 4 of being length directions) of IKOSOLID minus-SEPTIMALNOTATION of X^3 of 1 : - 8 .

Ampere-hour meter: the ordinary connection

The laboratory instruments

White LED NICHIA NSPW-500BS

Ampere - hour meter : HIOKI Power High Tester 3 3 3 2

Slidac Yamabishi TYPE S-130-20(20A)

Gauss meter • TriField Meter Instructions

Model 100XE(50Hz) made in USA

The experiment environment.

The two IKOSOLID lumps to the 4 directions of length with the line on the side of the earth and the side of the non-earth respectively from the three-dimensional 8 directions (the 4 of being transversal of the crossness directions, the 4 of being length directions) of IKOSOLID minus-SEPTIMALNOTATION of X^3 of 1 : - 8 .

It is the ampere-hour meter measurement when radiating the two IKOSOLID lumps for REAL CUBE of 3m × 3m × 3m size type. The human body and the cat go in and out of the central space of this REAL CUBE.

March 13th in 2006 - the 18th

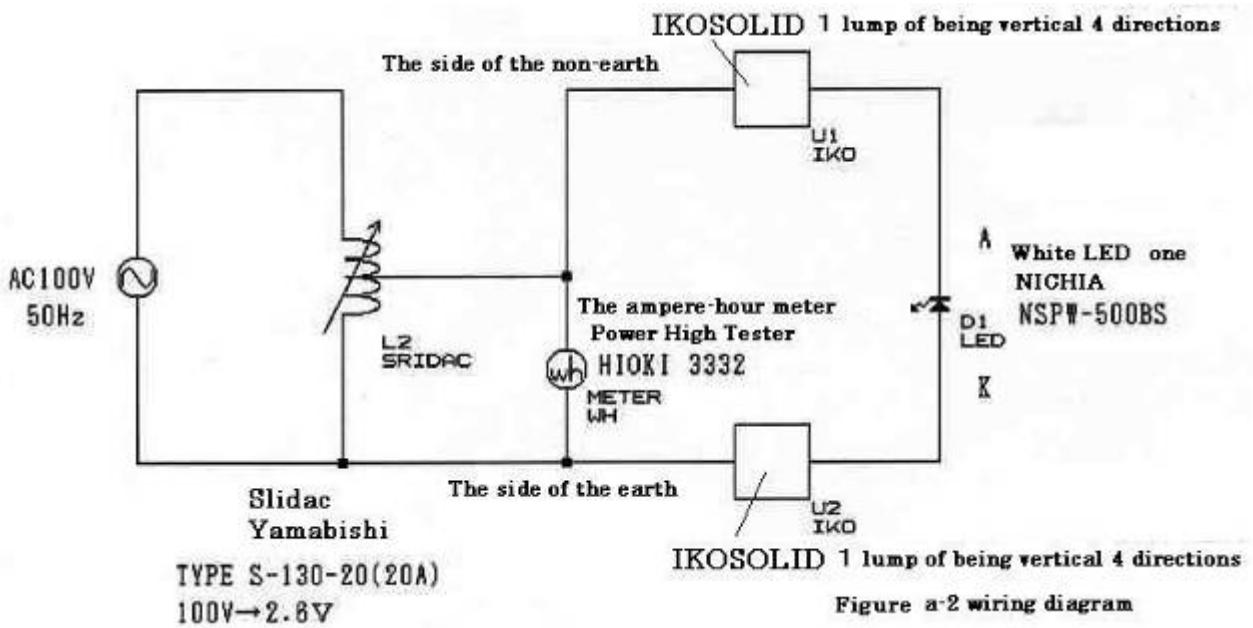
K . I . RESAERCH INSTITUTE

Koei Endo

Ikuyo Endo

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a . The wiring diagram



b . The ampere-hour meter (The ordinary connection)

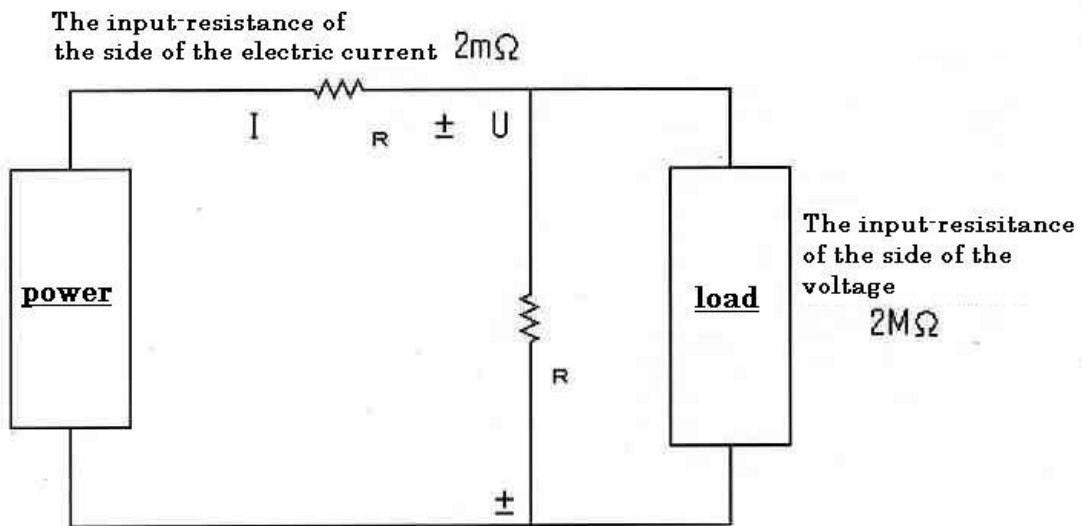


Figure a-2 ampere-hour meter The ordinary connection

c . The gauss-meter measurement of IKOSOLID lump of the length 4 directions from IKOSOLID lump of 8 directions of three-dimension(The diagonal side 4 directions and the length 4 directions). (The power factor 0.5~0.6PF)

IKOSOLID lump of the side of the non- earth 1.2 mG 1000 V/m

IKOSOLID lump of the side of the earth 1.8 mG 1000 V/m

(The maximum measuring range 1000V/m)

A. The power factor 5 step of the ampere-hour meter (excerpt from the measured data B, C.) in white LED lighting-up by connecting two IKOSOLID lumps to the 4 directions of length with the line on the side of the earth and the side of the non-earth respectively from the three-dimensional 8 directions (the 4 of being transversal of the crossness directions, the 4 of being length directions)

In measured data A, B, C, it sets range to voltage 15v, electric current 1mA. When exceeding this range, o.r is displayed.

<p>Power Factor o.r [+ PF display] MANUAL (o.r = out of range) 2.382V 0.rA 4.0649mAp 1.914mW 0.rVA 0.rvar 0.r(PF) 0.rDEG 50.054Hz Only the + display about o.r excerpt from measured data C. " LED lighting-up "</p>	<p>[- PF display] There is not [- PF display].</p>
<p>Power Factor 1 [+ PF display] MANUAL 2.257V 0.0000mA 0.0000mAp 0.066mW 0.066mVA 0.000mvar 1.0000(PF) 0.00DEG 49.985Hz excerpt from the 4th from the beginning of measured data B " LED lighting-up "</p>	<p>[- PF display] MANUAL 2.236V 0.0000mA 0.0000mAp 0.062mW 0.062mVA -0.000mvar -1.0000(PF) -0.00DEG 49.968Hz excerpt from the 2nd from the beginning of measured data B " LED lighting-up "</p>
<p>High power factor [+ PF display] MANUAL 2.244V 0.0641mA 0.2295mAp 0.115mW 0.144mVA 0.087mvar 0.7988(PF) 36.98DEG 49.999Hz excerpt from the 17th from the beginning of measured data B " LED lighting-up "</p>	<p>[- PF display] MANUAL 2.261V 0.0411mA 0.0948mAp 0.080mW 0.093mVA -0.048mvar -0.8577(PF) -30.94DEG 49.975Hz excerpt from the 13th from the beginning of measured data B " LED lighting-up "</p>
<p>General level power factor[+ PF display] MANUAL 2.232V 0.0445mA 0.0957mAp 0.068mW 0.099mVA 0.072mvar 0.6883(PF) 46.50DEG 50.007Hz excerpt from the 30th from the beginning of measured data B " LED lighting-up "</p>	<p>[- PF display] MANUAL 2.275V 0.0542mA 0.1128mAp 0.084mW 0.123mVA -0.090mvar -0.6830(PF) -46.92DEG 49.992Hz excerpt from the 29th from the beginning of measured data B " LED lighting-up "</p>

Minimum level power factor[+ PF display]	[- PF display]
MANUAL	MANUAL
2.078V	2.156V
0.0402mA	0.1542mA
0.0454mAp	0.1752mAp
0.023mW	0.016mW
0.084mVA	0.332mVA
0.080mvar	-0.332mvar
0.2726(PF)	-0.0467(PF)
74.18DEG	-87.32DEG
49.686Hz	49.941Hz
excerpt from the 8th from the beginning of measured data B	excerpt from the 7th from the beginning of measured data B
"Unconfirmed in the LED lighting-up "	"Unconfirmed in the LED lighting-up"

B . About the measurement of - the step in " A "

Power Factor o.r (O.r=out of range) Measured data C

When the two IKOSOLID lumps is radiating in REAL CUBE of 3m x 3m x 3m size type and the human body and the cat go in and out of the central space of this REAL CUBE, suddenly, it displays "o.r". From several seconds to about 5 minutes when long, the power factor is during "PF = o.r" display , and also, usual power factor, too, was displayed among it. In measured data C, a lot of "o.r" were displayed. There was not - PF display . " LED lighting-up "

The power factor 1 Measured data B

It displays approximately in the same condition with the power factor "o.r" of . Power factor 1 displays + PF and - PF regularly (in several seconds). Power factor 1 displays often. " LED lighting-up "

High power factor Measured data B

There are few displays of high power factor. When becoming the power factor 1 of from the general level power factor (about 0.6 PF) of , it displays only in the process of 0.6PF 0.7PF 0.8PF 0.9PF 1PF. In high power factor of , too, it displays + PF and - PF regularly (in several seconds) alternately.

" LED lighting-up "

General level power factor Measured data B

In this , it excerpts notation + PF and - PF from the measured data B. The general level power factor is 0.5-0.6PF. There are a lot of records which were displayed in measured data A also. It measures for 52 minutes for 21 hours which did an automatic-recording every 30 minutes in measured data A. When there is not a change is general , it displays general level power factor 0.5-0.6PF basically regardless of the going in and out of the person and the animal at the center of the real cube. Only but, the + PF display by general level power factor 0.5-0.6PF in measured data A.

In this , it excerpts notation + PF and - PF from the measured data B. (It writes the difference of measured data A and the B in page 17 section"C").

" LED lighting-up "

Minimum level power factor Measured data B

There are few displays of the minimum level power factor. It displayed a little, when power factor 1 displayed much. Because the minimum level power factor was very little display number of times and discovered in case of the

confirmation in the measured data, there is not confirmation of the LED lighting-up then.

It displays measured data A, B, C, D in order from page 19.

The two IKOSOLID lumps to the 4 directions of length with the line on the side of the earth and the side of the non-earth respectively from the three-dimensional 8 directions (the 4 of being transversal of the crossness directions, the 4 of being length directions) of IKOSOLID minus-SEPTIMALNOTATION of X³ of 1 : - 8 .

It is the ampere-hour meter measurement when radiating the two IKOSOLID lumps for REAL CUBE of 3m × 3m × 3m size type.

C .In case of the general level of power factor 0.5-0.6PF, the value of the mA, mVA and mW and so on depends roughly on the case (measured data A) only of +PF and the case (the measured data B) where + PF and - PF are alternately displayed.

<p>General level power factor [+ PF display]</p> <p>00006:30:00</p> <p>2.379V 1.1647mA 3.5008mAp</p> <p>1.699mW 2.771mVA 2.189mvar</p> <p>0.6132(PF) 52.18DEG 49.980Hz</p> <p>excerpt from the 14th from the beginning of measured data A</p>	<p>[- PF display]</p> <p>There is not [- PF display].</p>
<p>General level power factor [+ PF display]</p> <p>MANUAL</p> <p>2.232V 0.0445mA 0.0957mAp</p> <p>0.068mW 0.099mVA 0.072mvar</p> <p>0.6883(PF) 46.50DEG 50.007Hz</p> <p>excerpt from the 30th from the beginning of measured data B</p>	<p>[- PF display]</p> <p>MANUAL</p> <p>2.275V 0.0542mA 0.1128mAp</p> <p>0.084mW 0.123mVA -0.090mvar</p> <p>-0.6830(PF) -46.92DEG 49.992Hz</p> <p>excerpt from the 29th from the beginning of measured data B</p>

But the general level power factor is an approximation in the upper section measured data A and in the lower section measured data B , the value of the mA, the mW and mVA is different roughly.

Indeed, the upper section (measured data A 及 D) mainly changes into power factor o.r (o.r=out of range). The lower section (the measured data B) is mainly changing into power factor 1.

D. About the power factor o.r=out of range

a . Measured data A, the B, C set the range of the voltage and the electric current to the minim (the 15 V voltage, 1 mA of electric currents). therefore,

the entry which crosses a range becomes "o.r".

At HIOKI high-power tester 3332, " o.r " shows that the entry which exceeds 130 % of the measuring range enters. (Specification of HIOKI P.11)

b . Measured data D set the range of the voltage and the electric current to AUTO.

It makes voltage and an electric current an auto-ranging but "o.r"(out of range) comes out.

The ampere-hour meter measured data A

March 13th in 2006 12:00 ~ March 14th in 2006 about 10:00 (21 hours and 52 minutes)

Figure a-2 ampere-hour meter: the ordinary connection(p.14)

```

INTEGRATOR START
0000:00:00
  2.329 V      0.6578mA    1.9892mAp
  0.932mJ     1.532mVA    1.216mvar
  0.6081(PF)  52.55 DEG   49.988 Hz
INTEGRATOR
TOTAL TIME 0000:00:00
  0.0000mAh   0.0000mAh(+)
  0.0000mAh(-)
INTERVAL TIME 0000:00:00
  0.0000mAh   0.0000mAh(+)
  0.0000mAh(-)

0000:30:00
  2.286 V      0.2153mA    0.5774mAp
  0.300mJ     1.142mVA    0.942mvar
  0.6099(PF)  52.42 DEG   50.005 Hz
INTEGRATOR
TOTAL TIME 0000:30:00
  0.4018mAh   0.5700mAh(+)
  0.0000mAh(-)
INTERVAL TIME 0000:30:00
  0.4018mAh   0.5700mAh(+)
  0.0000mAh(-)

0001:00:00
  2.259 V      0.5058mA    2.4479mAp
  0.646mJ     1.142mVA    0.942mvar
  0.5656(PF)  55.55 DEG   49.945 Hz
INTEGRATOR
TOTAL TIME 0001:00:00
  0.6677mAh   0.9448mAh(+)
  0.0000mAh(-)
INTERVAL TIME 0000:30:00
  0.2658mAh   0.3748mAh(+)
  0.0000mAh(-)

0001:30:00
  2.300 V      0.6571mA    2.3744mAp
  0.923mJ     1.511mVA    1.196mvar
  0.6110(PF)  52.34 DEG   50.000 Hz
INTEGRATOR
TOTAL TIME 0001:30:00
  1.0856mAh   1.5365mAh(+)
  0.0000mAh(-)
INTERVAL TIME 0000:30:00
  0.4179mAh   0.5917mAh(+)
  0.0000mAh(-)

0002:00:00
  2.326 V      0.8707mA    2.4882mAp
  1.239mJ     2.025mVA    1.601mvar
  0.6120(PF)  52.27 DEG   50.017 Hz
INTEGRATOR
TOTAL TIME 0002:00:00
  1.4810mAh   2.0982mAh(+)
  0.0000mAh(-)
INTERVAL TIME 0000:30:00
  0.3953mAh   0.5617mAh(+)
  0.0000mAh(-)

0002:30:00
  2.315 V      0.6952mA    2.5082mAp
  0.949mJ     1.609mVA    1.300mvar
  0.5895(PF)  53.88 DEG   49.949 Hz
INTEGRATOR
TOTAL TIME 0002:30:00
  1.8958mAh   2.6904mAh(+)
  0.0000mAh(-)
INTERVAL TIME 0000:30:00
  0.4145mAh   0.5922mAh(+)
  0.0000mAh(-)

0003:00:00
  2.354 V      0.9340mA    2.6762mAp
  1.344mJ     2.199mVA    1.740mvar
  0.6113(PF)  52.32 DEG   50.007 Hz
INTEGRATOR
TOTAL TIME 0003:00:00
  2.3173mAh   3.2914mAh(+)
  0.0000mAh(-)
INTERVAL TIME 0000:30:00
  0.4217mAh   0.6011mAh(+)
  0.0000mAh(-)

0003:30:00
  2.247 V      0.5913mA    2.1232mAp
  0.815mJ     1.329mVA    1.050mvar
  0.6131(PF)  52.18 DEG   49.995 Hz
INTEGRATOR
TOTAL TIME 0003:30:00
  2.7389mAh   3.8884mAh(+)
  0.0000mAh(-)
INTERVAL TIME 0000:30:00
  0.4215mAh   0.5970mAh(+)
  0.0000mAh(-)

0004:00:00
  2.247 V      0.5395mA    2.1168mAp
  0.657mJ     1.212mVA    1.019mvar
  0.5418(PF)  57.19 DEG   50.013 Hz
INTEGRATOR
TOTAL TIME 0004:00:00
  3.1227mAh   4.4297mAh(+)
  0.0000mAh(-)
INTERVAL TIME 0000:30:00
  0.3838mAh   0.5413mAh(+)
  0.0000mAh(-)

0004:30:00
  2.287 V      0.5443mA    2.0619mAp
  0.769mJ     1.245mVA    0.979mvar
  0.6180(PF)  51.83 DEG   49.945 Hz
INTEGRATOR
TOTAL TIME 0004:30:00
  3.5076mAh   4.9735mAh(+)
  0.0000mAh(-)
INTERVAL TIME 0000:30:00
  0.3849mAh   0.5437mAh(+)
  0.0000mAh(-)

0005:00:00
  2.311 V      0.5227mA    1.8256mAp
  0.794mJ     1.208mVA    0.911mvar
  0.6572(PF)  48.92 DEG   49.992 Hz
INTEGRATOR
TOTAL TIME 0005:00:00
  3.7268mAh   5.2840mAh(+)
  0.0000mAh(-)
INTERVAL TIME 0000:30:00
  0.2192mAh   0.3105mAh(+)
  0.0000mAh(-)

0005:30:00
  2.327 V      0.6792mA    1.9991mAp
  0.951mJ     1.581mVA    1.263mvar
  0.6016(PF)  53.02 DEG   49.982 Hz
INTEGRATOR
TOTAL TIME 0005:30:00
  4.0576mAh   5.7535mAh(+)
  0.0000mAh(-)
INTERVAL TIME 0000:30:00
  0.3307mAh   0.4695mAh(+)
  0.0000mAh(-)

0006:00:00
  2.345 V      1.1161mA    3.3533mAp
  1.575mJ     2.617mVA    2.091mvar
  0.6016(PF)  53.01 DEG   49.968 Hz
INTEGRATOR
TOTAL TIME 0006:00:00
  4.5192mAh   6.4007mAh(+)
  0.0000mAh(-)
INTERVAL TIME 0000:30:00
  0.4616mAh   0.6472mAh(+)
  0.0000mAh(-)

0006:30:00
  2.379 V      1.1647mA    3.5008mAp
  1.699mJ     2.771mVA    2.189mvar
  0.6132(PF)  52.18 DEG   49.980 Hz
INTEGRATOR
TOTAL TIME 0006:30:00
  5.0214mAh   7.1109mAh(+)
  0.0000mAh(-)
INTERVAL TIME 0000:30:00
  0.5021mAh   0.7101mAh(+)
  0.0000mAh(-)

```

00007:00:00
 2.393 V 0.9444mA 2.7242mAp
 1.399mW 2.260mVA 1.775mvar
 0.6191(PF) 51.75 DEG 50.062 Hz
 INTEGRATOR
 TOTAL TIME 00007:00:00
 > 5.52186mAh 7.8266mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 > 0.50046mAh 0.7158mWh(+)
 0.0000mWh(-)

00007:30:00
 2.347 V 0.8064mA 2.8114mAp
 1.057mW 1.893mVA 1.570mvar
 0.5586(PF) 56.04 DEG 50.010 Hz
 INTEGRATOR
 TOTAL TIME 00007:30:00
 > 6.04072mAh 8.5745mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 > 0.51886mAh 0.7479mWh(+)
 0.0000mWh(-)

00008:00:00
 2.368 V 0.7903mA 2.2742mAp
 1.159mW 1.872mVA 1.469mvar
 0.6195(PF) 51.72 DEG 50.033 Hz
 INTEGRATOR
 TOTAL TIME 00008:00:00
 > 6.53496mAh 9.2829mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 > 0.49425mAh 0.7083mWh(+)
 0.0000mWh(-)

MANUAL
 2.381 V o.r A 3.8822mAp
 1.892mW o.r VA o.r var
 o.r(PF) o.r DEG 49.994 Hz
 INTEGRATOR
 TOTAL TIME 00008:25:12
 > 6.99838mAh 9.9477mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:25:12
 > 0.46342mAh 0.6649mWh(+)
 0.0000mWh(-)

MANUAL
 2.293 V 0.7473mA 3.8652mAp
 1.024mW 1.713mVA 1.374mvar
 0.5978(PF) 53.29 DEG 49.996 Hz
 INTEGRATOR
 TOTAL TIME 00008:25:15
 > 6.99932mAh 9.9491mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:25:15
 > 0.46435mAh 0.6662mWh(+)
 0.0000mWh(-)

00008:30:00
 2.349 V 0.9817mA 3.8879mAp
 1.424mW 2.306mVA 1.814mvar
 0.6175(PF) 51.86 DEG 49.995 Hz
 INTEGRATOR
 TOTAL TIME 00008:30:00
 > 7.09036mAh 10.0806mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 > 0.55540mAh 0.7977mWh(+)
 0.0000mWh(-)

00009:00:00
 2.420 V o.r A 4.3942mAp
 2.287mW o.r VA o.r var
 o.r(PF) o.r DEG 49.998 Hz
 INTEGRATOR
 TOTAL TIME 00009:00:00
 > 7.72681mAh 11.0934mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 > 0.63644mAh 1.0128mWh(+)
 0.0000mWh(-)

00009:30:00
 2.379 V 1.2635mA 3.7202mAp
 1.842mW 3.006mVA 2.375mvar
 0.6128(PF) 52.21 DEG 49.996 Hz
 INTEGRATOR
 TOTAL TIME 00009:30:00
 > 8.35571mAh 12.0860mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 > 0.62890mAh 0.9927mWh(+)
 0.0000mWh(-)

00010:00:00
 2.386 V 1.2723mA 3.7436mAp
 1.884mW 3.035mVA 2.380mvar
 0.6206(PF) 51.64 DEG 50.013 Hz
 INTEGRATOR
 TOTAL TIME 00010:00:00
 > 8.96675mAh 12.9729mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 > 0.61105mAh 0.8869mWh(+)
 0.0000mWh(-)

00010:30:00
 2.390 V o.r A 3.7949mAp
 1.925mW o.r VA o.r var
 o.r(PF) o.r DEG 49.920 Hz
 INTEGRATOR
 TOTAL TIME 00010:30:00
 > 9.60044mAh 13.9094mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 > 0.63369mAh 0.9365mWh(+)
 0.0000mWh(-)

00011:00:00
 2.272 V 0.5000mA 2.1364mAp
 0.711mW 1.136mVA 0.886mvar
 0.6261(PF) 51.24 DEG 49.971 Hz
 INTEGRATOR
 TOTAL TIME 00011:00:00
 > 10.1439mAh 14.6998mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 > 0.54343mAh 0.7904mWh(+)
 0.0000mWh(-)

00011:30:00
 2.373 V 1.0378mA 2.9994mAp
 1.506mW 2.462mVA 1.948mvar
 0.6116(PF) 52.30 DEG 50.031 Hz
 INTEGRATOR
 TOTAL TIME 00011:30:00
 > 10.6225mAh 15.3923mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 > 0.47866mAh 0.6925mWh(+)
 0.0000mWh(-)

00012:00:00
 2.368 V 0.5607mA 1.5760mAp
 0.830mW 1.328mVA 1.036mvar
 0.6250(PF) 51.32 DEG 49.989 Hz
 INTEGRATOR
 TOTAL TIME 00012:00:00
 > 10.9333mAh 15.8493mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 > 0.31081mAh 0.4570mWh(+)
 0.0000mWh(-)

00012:30:00
 2.372 V 1.1465mA 3.4131mAp
 1.646mW 2.719mVA 2.165mvar
 0.6054(PF) 52.74 DEG 50.033 Hz
 INTEGRATOR
 TOTAL TIME 00012:30:00
 > 11.3541mAh 16.4633mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 > 0.42074mAh 0.6140mWh(+)
 0.0000mWh(-)

March 13th in 2006 12:00 ~ March 14th in 2006 about 10:00 (21 hours and 52 minutes) Data A

00013:00:00
 2.366 V 0.9168mA 2.6429mAp
 1.315mW 2.169mVA 1.725mvar
 0.6062(PF) 52.68 DEG 49.995 Hz
 INTEGRATOR
 TOTAL TIME 00013:00:00
 > 11.8074mAh 17.1186mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 0.45332mAh 0.6553mWh(+)
 0.0000mWh(-)

00013:30:00
 2.327 V 0.2836mA 0.7803mAp
 0.420mW 0.660mVA 0.510mvar
 0.6356(PF) 50.54 DEG 50.003 Hz
 INTEGRATOR
 TOTAL TIME 00013:30:00
 > 12.0285mAh 17.4407mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 0.22113mAh 0.3222mWh(+)
 0.0000mWh(-)

00014:00:00
 2.344 V 0.2997mA 0.8182mAp
 0.445mW 0.703mVA 0.543mvar
 0.6337(PF) 50.68 DEG 50.045 Hz
 INTEGRATOR
 TOTAL TIME 00014:00:00
 > 12.1749mAh 17.6574mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 0.14641mAh 0.2166mWh(+)
 0.0000mWh(-)

00014:30:00
 2.357 V 0.7453mA 2.1671mAp
 1.089mW 1.764mVA 1.387mvar
 0.6176(PF) 51.86 DEG 49.981 Hz
 INTEGRATOR
 TOTAL TIME 00014:30:00
 > 12.4601mAh 18.0732mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 0.28513mAh 0.4159mWh(+)
 0.0000mWh(-)

00015:00:00
 2.390 V 1.0112mA 2.9485mAp
 1.474mW 2.417mVA 1.916mvar
 0.6098(PF) 52.42 DEG 49.983 Hz
 INTEGRATOR
 TOTAL TIME 00015:00:00
 > 12.8820mAh 18.6885mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 0.42193mAh 0.6153mWh(+)
 0.0000mWh(-)

00015:30:00
 2.359 V 0.5643mA 1.6356mAp
 0.823mW 1.331mVA 1.046mvar
 0.6186(PF) 51.79 DEG 50.026 Hz
 INTEGRATOR
 TOTAL TIME 00015:30:00
 > 13.1838mAh 19.1275mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 0.30177mAh 0.4390mWh(+)
 0.0000mWh(-)

00016:00:00
 2.290 V 0.0453mA 0.2519mAp
 0.074mW 0.104mVA 0.072mvar
 0.7169(PF) 44.20 DEG 50.009 Hz
 INTEGRATOR
 TOTAL TIME 00016:00:00
 > 13.4162mAh 19.4659mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 0.23247mAh 0.3383mWh(+)
 0.0000mWh(-)

00016:30:00
 2.357 V 0.6340mA 1.8201mAp
 0.897mW 1.494mVA 1.195mvar
 0.6004(PF) 53.10 DEG 50.038 Hz
 INTEGRATOR
 TOTAL TIME 00016:30:00
 > 13.5832mAh 19.7089mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 0.16696mAh 0.2430mWh(+)
 0.0000mWh(-)

00017:00:00
 2.337 V 0.4087mA 1.1652mAp
 0.592mW 0.955mVA 0.749mvar
 0.6200(PF) 51.69 DEG 50.009 Hz
 INTEGRATOR
 TOTAL TIME 00017:00:00
 > 13.7926mAh 20.0118mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 0.20937mAh 0.3029mWh(+)
 0.0000mWh(-)

00017:30:00
 2.337 V 0.5424mA 1.6144mAp
 0.778mW 1.268mVA 1.001mvar
 0.6133(PF) 52.17 DEG 50.050 Hz
 INTEGRATOR
 TOTAL TIME 00017:30:00
 > 14.0216mAh 20.3413mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 0.22906mAh 0.3295mWh(+)
 0.0000mWh(-)

00018:00:00
 2.328 V 0.3830mA 1.1073mAp
 0.557mW 0.892mVA 0.697mvar
 0.6242(PF) 51.38 DEG 49.969 Hz
 INTEGRATOR
 TOTAL TIME 00018:00:00
 > 14.3649mAh 20.8280mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 0.34325mAh 0.4866mWh(+)
 0.0000mWh(-)

00018:30:00
 2.349 V 0.4104mA 1.1345mAp
 0.604mW 0.964mVA 0.751mvar
 0.6266(PF) 51.20 DEG 49.991 Hz
 INTEGRATOR
 TOTAL TIME 00018:30:00
 > 14.5615mAh 21.1137mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 0.19667mAh 0.2857mWh(+)
 0.0000mWh(-)

00019:00:00
 2.363 V 0.4604mA 1.2675mAp
 0.679mW 1.088mVA 0.850mvar
 0.6240(PF) 51.39 DEG 49.998 Hz
 INTEGRATOR
 TOTAL TIME 00019:00:00
 > 14.7777mAh 21.4334mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 0.21617mAh 0.3197mWh(+)
 0.0000mWh(-)

00019:30:00
 2.339 V 0.4195mA 1.1654mAp
 0.607mW 0.981mVA 0.771mvar
 0.6187(PF) 51.78 DEG 49.991 Hz
 INTEGRATOR
 TOTAL TIME 00019:30:00
 > 14.9915mAh 21.7466mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:30:00
 0.21380mAh 0.3132mWh(+)
 0.0000mWh(-)

March 13th in 2006 12:00 ~ March 14th in 2006 about 10:00 (21 hours and 52 minutes) Data A

```

00020:00:00
  2.332 V      0.4280mA      1.3791mAp
  0.614mW     0.998mVA      0.787mvar
  0.6153(PF)  52.03 DEG    50.078 Hz
INTEGRATOR
TOTAL TIME    00020:00:00
> 15.1877mAh  22.0279mWh(+)
  0.0000mWh(-)
INTERVAL TIME 00000:30:00
  0.19614mAh  0.2813mWh(+)
  0.0000mWh(-)

```

*** POWER FAILURE ***

```

00020:19:35
  2.202 V      0.2153mA      1.0421mAp
  0.300mW     0.474mVA      0.368mvar
  0.6316(PF)  50.83 DEG    50.041 Hz
INTEGRATOR
TOTAL TIME    00020:19:35
> 15.3314mAh  22.2307mWh(+)
  0.0000mWh(-)
INTERVAL TIME 00000:19:35
  0.14372mAh  0.2028mWh(+)
  0.0000mWh(-)

```

```

00020:30:00
  2.355 V      1.0912mA      3.2872mAp
  1.524mW     2.570mVA      2.069mvar
  0.5931(PF)  53.62 DEG    49.977 Hz
INTEGRATOR
TOTAL TIME    00020:30:00
> 15.5040mAh  22.4718mWh(+)
  0.0000mWh(-)
INTERVAL TIME 00000:30:00
  0.31633mAh  0.4438mWh(+)
  0.0000mWh(-)

```

```

00021:00:00
  2.273 V      0.5789mA      2.6079mAp
  0.811mW     1.316mVA      1.036mvar
  0.6162(PF)  51.96 DEG    49.990 Hz
INTEGRATOR
TOTAL TIME    00021:00:00
> 16.0629mAh  23.2585mWh(+)
  0.0000mWh(-)
INTERVAL TIME 00000:30:00
> 0.55892mAh  0.7868mWh(+)
  0.0000mWh(-)

```

```

00021:30:00
  2.254 V      0.3321mA      1.1791mAp
  0.432mW     0.749mVA      0.611mvar
  0.5775(PF)  54.73 DEG    50.039 Hz
INTEGRATOR
TOTAL TIME    00021:30:00
> 16.3668mAh  23.6708mWh(+)
  0.0000mWh(-)
INTERVAL TIME 00000:30:00
  0.30394mAh  0.4123mWh(+)
  0.0000mWh(-)

```

```

00021:52:07
  2.211 V      0.0000mA      0.0000mAp
  0.036mW     0.036mVA      - 0.000mvar
 -1.0000(PF)  - 0.00 DEG    50.065 Hz
INTEGRATOR
TOTAL TIME    00021:52:07
> 16.5071mAh  23.8650mWh(+)
  0.0000mWh(-)
INTERVAL TIME 00000:22:07
  0.14025mAh  0.1942mWh(+)
  0.0000mWh(-)

```

INTEGRATOR STOP

March 13th in 2006 12:00 ~ March 14th in 2006 about 10:00 (21 hours and 52 minutes) Data A

The ampere-hour meter measured data B March 14th in 2006 16:00 ~ 16:30 (30 minutes)

Figure a-2 ampere-hour meter: the ordinary connection (p.14)

<p>MANUAL 2.372 V o.r A 5.2770mA 2.457mW o.r VA o.r var o.r(PF) o.r DEG 49.993 Hz</p> <p>INTEGRATOR TOTAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p> <p>INTERVAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p>	<p>MANUAL 2.078 V 0.0402mA 0.0454mA 0.023mW 0.084mVA 0.080mvar 0.2726(PF) 74.18 DEG 49.686 Hz</p> <p>INTEGRATOR TOTAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p> <p>INTERVAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p>
<p>MANUAL 2.236 V 0.0000mA 0.0000mA 0.062mW 0.062mVA - 0.000mvar -1.0000(PF) - 0.00 DEG 49.968 Hz</p> <p>INTEGRATOR TOTAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p> <p>INTERVAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p>	<p>MANUAL 2.225 V 0.0000mA 0.0000mA 0.058mW 0.058mVA 0.000mvar 1.0000(PF) 0.00 DEG 49.994 Hz</p> <p>INTEGRATOR TOTAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p> <p>INTERVAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p>
<p>MANUAL 2.261 V 0.0509mA 0.0923mA 0.078mW 0.115mVA 0.084mvar 0.6791(PF) 47.23 DEG 49.989 Hz</p> <p>INTEGRATOR TOTAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p> <p>INTERVAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p>	<p>MANUAL 2.241 V 0.0000mA 0.0000mA 0.056mW 0.056mVA 0.000mvar 1.0000(PF) 0.00 DEG 50.356 Hz</p> <p>INTEGRATOR TOTAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p> <p>INTERVAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p>
<p>MANUAL 2.257 V 0.0000mA 0.0000mA 0.066mW 0.066mVA 0.000mvar 1.0000(PF) 0.00 DEG 49.985 Hz</p> <p>INTEGRATOR TOTAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p> <p>INTERVAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p>	<p>MANUAL 2.262 V 0.0433mA 0.0913mA 0.077mW 0.098mVA 0.060mvar 0.7909(PF) 37.73 DEG 49.984 Hz</p> <p>INTEGRATOR TOTAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p> <p>INTERVAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p>
<p>MANUAL 2.253 V 0.0461mA 0.1087mA 0.105mW 0.105mVA 0.000mvar 1.0000(PF) 0.00 DEG 50.051 Hz</p> <p>INTEGRATOR TOTAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p> <p>INTERVAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p>	<p>MANUAL 2.260 V 0.0000mA 0.0000mA 0.073mW 0.073mVA - 0.000mvar -1.0000(PF) - 0.00 DEG 49.988 Hz</p> <p>INTEGRATOR TOTAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p> <p>INTERVAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p>
<p>MANUAL 2.287 V 0.2536mA 0.8387mA 0.314mW 0.590mVA 0.488mvar 0.5417(PF) 57.20 DEG 49.999 Hz</p> <p>INTEGRATOR TOTAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p> <p>INTERVAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p>	<p>MANUAL 2.261 V 0.0411mA 0.0948mA 0.090mW 0.093mVA - 0.048mvar -0.8577(PF) - 30.94 DEG 49.975 Hz</p> <p>INTEGRATOR TOTAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p> <p>INTERVAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p>
<p>MANUAL 2.156 V 0.1542mA 0.1752mA 0.016mW 0.332mVA - 0.332mvar -0.0467(PF) - 87.32 DEG 49.941 Hz</p> <p>INTEGRATOR TOTAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p> <p>INTERVAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p>	<p>MANUAL 2.260 V 0.0487mA 0.0859mA 0.076mW 0.110mVA - 0.079mvar -0.6947(PF) - 46.00 DEG 49.823 Hz</p> <p>INTEGRATOR TOTAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p> <p>INTERVAL TIME 00000:00:00 0.0000mAh 0.0000mWh(+) 0.0000mWh(-)</p>

MANUAL
 2.240 V 0.0000mA 0.0000mAp
 0.049mW 0.049mVA - 0.000mvar
 -1.0000(PF) - 0.00 DEG 49.347 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.254 V 0.1034mA 0.3964mAp
 0.182mW 0.233mVA 0.146mvar
 0.7810(PF) 38.65 DEG 49.992 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.244 V 0.0641mA 0.2295mAp
 0.115mW 0.144mVA 0.087mvar
 0.7988(PF) 36.98 DEG 49.999 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.229 V 0.0502mA 0.1070mAp
 0.077mW 0.112mVA 0.081mvar
 0.6910(PF) 46.29 DEG 49.993 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.224 V 0.0401mA 0.0943mAp
 0.067mW 0.089mVA - 0.059mvar
 -0.7521(PF) - 41.22 DEG 50.000 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.224 V 0.0000mA 0.0000mAp
 0.062mW 0.062mVA 0.000mvar
 1.0000(PF) 0.00 DEG 49.995 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.222 V 0.0000mA 0.0000mAp
 0.057mW 0.057mVA 0.000mvar
 1.0000(PF) 0.00 DEG 49.998 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.219 V 0.0000mA 0.0000mAp
 0.052mW 0.052mVA - 0.000mvar
 -1.0000(PF) - 0.00 DEG 50.002 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.222 V 0.0000mA 0.0000mAp
 0.056mW 0.056mVA - 0.000mvar
 -1.0000(PF) - 0.00 DEG 50.007 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.220 V 0.0000mA 0.0000mAp
 0.053mW 0.053mVA - 0.000mvar
 -1.0000(PF) - 0.00 DEG 50.018 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.219 V 0.0000mA 0.0000mAp
 0.050mW 0.050mVA - 0.000mvar
 -1.0000(PF) - 0.00 DEG 50.012 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.296 V 0.1535mA 0.4897mAp
 0.251mW 0.352mVA 0.247mvar
 0.7136(PF) 44.47 DEG 50.026 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.267 V 0.1010mA 0.3828mAp
 0.172mW 0.229mVA 0.151mvar
 0.7514(PF) 41.29 DEG 50.008 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.246 V 0.0509mA 0.1256mAp
 0.081mW 0.114mVA - 0.080mvar
 -0.7131(PF) - 44.51 DEG 49.991 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.00000mAh 0.0000mWh(+)
 0.0000mWh(-)

March 14th in 2006 16:00 ~ 16:30 (30 minutes) Data B

MANUAL
 2.275 V 0.0542mA 0.1128mAp
 0.084mW 0.123mVA - 0.090mvar
 -0.6830(PF) - 46.92 DEG 49.992 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.232 V 0.0445mA 0.0957mAp
 0.068mW 0.099mVA 0.072mvar
 0.6883(PF) 46.50 DEG 50.007 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.236 V 0.0443mA 0.0963mAp
 0.070mW 0.099mVA 0.070mvar
 0.7116(PF) 44.63 DEG 49.998 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.209 V 0.0000mA 0.0000mAp
 0.064mW 0.064mVA - 0.000mvar
 -1.0000(PF) - 0.00 DEG 50.019 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.193 V 0.0000mA 0.0000mAp
 0.060mW 0.060mVA 0.000mvar
 1.0000(PF) 0.00 DEG 50.023 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.192 V 0.0000mA 0.0000mAp
 0.058mW 0.058mVA 0.000mvar
 1.0000(PF) 0.00 DEG 50.021 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.191 V 0.0000mA 0.0000mAp
 0.057mW 0.057mVA 0.000mvar
 1.0000(PF) 0.00 DEG 50.026 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.191 V 0.0000mA 0.0000mAp
 0.057mW 0.057mVA - 0.000mvar
 -1.0000(PF) - 0.00 DEG 50.024 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.192 V 0.0000mA 0.0000mAp
 0.057mW 0.057mVA 0.000mvar
 1.0000(PF) 0.00 DEG 50.028 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.193 V 0.0000mA 0.0000mAp
 0.061mW 0.061mVA - 0.000mvar
 -1.0000(PF) - 0.00 DEG 50.028 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.237 V 0.0451mA 0.0913mAp
 0.072mW 0.101mVA 0.070mvar
 0.7172(PF) 44.17 DEG 50.043 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.238 V 0.0444mA 0.1045mAp
 0.070mW 0.099mVA 0.070mvar
 0.7063(PF) 45.07 DEG 50.059 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.243 V 0.0503mA 0.1151mAp
 0.074mW 0.114mVA 0.087mvar
 0.6487(PF) 49.55 DEG 50.027 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.262 V 0.0503mA 0.1164mAp
 0.078mW 0.114mVA 0.083mvar
 0.6862(PF) 46.67 DEG 50.037 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)

March 14th in 2006 16:00 ~ 16:30 (30 minutes) Data B

MANUAL
 2.252 V 0.0462mA 0.1075mAp
 0.074mW 0.104mVA 0.074mvar
 0.7065(PF) 45.05 DEG 50.028 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.260 V 0.0485mA 0.1121mAp
 0.077mW 0.110mVA - 0.078mvar
 -0.7025(PF) - 45.37 DEG 50.025 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)

MANUAL
 2.248 V 0.0000mA 0.0000mAp
 0.056mW 0.056mVA - 0.000mvar
 -1.0000(PF) - 0.00 DEG 50.000 Hz
 INTEGRATOR
 TOTAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)

The ampere-hour meter measured data C

March 15th in 2006 9:00 ~ 9:30 (30 minutes)

Figure a-2 ampere-hour meter: the ordinary connection(p.14)

MANUAL									
2.382 V			4.0649mA						
1.914mW									
o.r(PF)									
INTEGRATOR									
TOTAL TIME	00000:00:00								
0.0000mAh			0.0000mAh(+)						
0.0000mAh(-)									
INTERVAL TIME	00000:00:00								
0.0000mAh			0.0000mAh(+)						
0.0000mAh(-)									
MANUAL									
2.379 V			3.9706mA						
1.875mW									
o.r(PF)									
INTEGRATOR									
TOTAL TIME	00000:00:00								
0.0000mAh			0.0000mAh(+)						
0.0000mAh(-)									
INTERVAL TIME	00000:00:00								
0.0000mAh			0.0000mAh(+)						
0.0000mAh(-)									
MANUAL									
2.379 V			3.9802mA						
1.877mW									
o.r(PF)									
INTEGRATOR									
TOTAL TIME	00000:00:00								
0.0000mAh			0.0000mAh(+)						
0.0000mAh(-)									
INTERVAL TIME	00000:00:00								
0.0000mAh			0.0000mAh(+)						
0.0000mAh(-)									
MANUAL									
2.379 V			3.9801mA						
1.897mW									
o.r(PF)									
INTEGRATOR									
TOTAL TIME	00000:00:00								
0.0000mAh			0.0000mAh(+)						
0.0000mAh(-)									
INTERVAL TIME	00000:00:00								
0.0000mAh			0.0000mAh(+)						
0.0000mAh(-)									
INTEGRATOR START									
00000:00:00									
2.379 V			4.0046mA						
1.887mW									
o.r(PF)									
INTEGRATOR									
TOTAL TIME	00000:00:00								
0.0000mAh			0.0000mAh(+)						
0.0000mAh(-)									
INTERVAL TIME	00000:00:00								
0.0000mAh			0.0000mAh(+)						
0.0000mAh(-)									
00000:00:10									
2.374 V			4.0042mA						
1.839mW									
o.r(PF)									
INTEGRATOR									
TOTAL TIME	00000:00:10								
> 0.00357mAh			0.0051mAh(+)						
0.0000mAh(-)									
INTERVAL TIME	00000:00:10								
> 0.00357mAh			0.0051mAh(+)						
0.0000mAh(-)									
00000:00:20									
2.371 V			3.8914mA						
1.781mW									
0.5891(PF)									
INTEGRATOR									
TOTAL TIME	00000:00:20								
> 0.00713mAh			0.0101mAh(+)						
0.0000mAh(-)									
INTERVAL TIME	00000:00:10								
> 0.00356mAh			0.0050mAh(+)						
0.0000mAh(-)									
00000:00:30									
2.375 V			3.9856mA						
1.805mW									
o.r(PF)									
INTEGRATOR									
TOTAL TIME	00000:00:30								
> 0.01062mAh			0.0150mAh(+)						
0.0000mAh(-)									
INTERVAL TIME	00000:00:10								
> 0.00350mAh			0.0049mAh(+)						
0.0000mAh(-)									
00000:00:40									
2.377 V			4.0922mA						
1.841mW									
o.r(PF)									
INTEGRATOR									
TOTAL TIME	00000:00:40								
> 0.01420mAh			0.0201mAh(+)						
0.0000mAh(-)									
INTERVAL TIME	00000:00:10								
> 0.00358mAh			0.0051mAh(+)						
0.0000mAh(-)									
00000:00:50									
2.335 V			3.2009mA						
1.424mW									
0.5925(PF)									
INTEGRATOR									
TOTAL TIME	00000:00:50								
> 0.01712mAh			0.0241mAh(+)						
0.0000mAh(-)									
INTERVAL TIME	00000:00:10								
> 0.00291mAh			0.0040mAh(+)						
0.0000mAh(-)									
00000:01:00									
2.369 V			3.8251mA						
1.772mW									
0.5819(PF)									
INTEGRATOR									
TOTAL TIME	00000:01:00								
> 0.02059mAh			0.0291mAh(+)						
0.0000mAh(-)									
INTERVAL TIME	00000:00:10								
> 0.00347mAh			0.0050mAh(+)						
0.0000mAh(-)									
00000:01:10									
2.370 V			3.8343mA						
1.785mW									
0.6054(PF)									
INTEGRATOR									
TOTAL TIME	00000:01:10								
> 0.02410mAh			0.0340mAh(+)						
0.0000mAh(-)									
INTERVAL TIME	00000:00:10								
0.00351mAh			0.0050mAh(+)						
0.0000mAh(-)									
00000:01:20									
2.375 V			3.9451mA						
1.858mW									
o.r(PF)									
INTEGRATOR									
TOTAL TIME	00000:01:20								
> 0.02767mAh			0.0391mAh(+)						
0.0000mAh(-)									
INTERVAL TIME	00000:00:10								
> 0.00357mAh			0.0051mAh(+)						
0.0000mAh(-)									
00000:01:30									
2.380 V			4.0260mA						
1.907mW									
o.r(PF)									
INTEGRATOR									
TOTAL TIME	00000:01:30								
> 0.03128mAh			0.0443mAh(+)						
0.0000mAh(-)									
INTERVAL TIME	00000:00:10								
> 0.00361mAh			0.0052mAh(+)						
0.0000mAh(-)									

00000:01:40
 2.379 V o.r A 3.9665mA
 1.876mW o.r VA o.r var
 o.r(PF) o.r DEG 49.981 Hz
 INTEGRATOR
 TOTAL TIME 00000:01:40
 > 0.03489mAh 0.0495mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:10
 > 0.00361mAh 0.0052mWh(+)
 0.0000mWh(-)

00000:01:50
 2.374 V o.r A 3.9319mA
 1.840mW o.r VA o.r var
 o.r(PF) o.r DEG 50.015 Hz
 INTEGRATOR
 TOTAL TIME 00000:01:50
 > 0.03849mAh 0.0547mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:10
 > 0.00360mAh 0.0052mWh(+)
 0.0000mWh(-)

00000:02:00
 2.376 V o.r A 3.9771mA
 1.880mW o.r VA o.r var
 o.r(PF) o.r DEG 50.006 Hz
 INTEGRATOR
 TOTAL TIME 00000:02:00
 > 0.04207mAh 0.0598mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:10
 > 0.00359mAh 0.0051mWh(+)
 0.0000mWh(-)

MANUAL
 2.378 V o.r A 3.9367mA
 1.852mW o.r VA o.r var
 o.r(PF) o.r DEG 50.012 Hz
 INTEGRATOR
 TOTAL TIME 00000:02:04
 > 0.04351mAh 0.0619mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:04
 > 0.00144mAh 0.0021mWh(+)
 0.0000mWh(-)

MANUAL
 2.378 V o.r A 3.9377mA
 1.854mW o.r VA o.r var
 o.r(PF) o.r DEG 49.992 Hz
 INTEGRATOR
 TOTAL TIME 00000:02:09
 > 0.04546mAh 0.0646mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:09
 > 0.00338mAh 0.0048mWh(+)
 0.0000mWh(-)

00000:02:10
 2.377 V o.r A 3.9364mA
 1.849mW o.r VA o.r var
 o.r(PF) o.r DEG 50.000 Hz
 INTEGRATOR
 TOTAL TIME 00000:02:10
 > 0.04567mAh 0.0649mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:10
 > 0.00360mAh 0.0051mWh(+)
 0.0000mWh(-)

MANUAL
 2.382 V o.r A 4.0531mA
 1.917mW o.r VA o.r var
 o.r(PF) o.r DEG 50.005 Hz
 INTEGRATOR
 TOTAL TIME 00000:02:15
 > 0.04748mAh 0.0676mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:05
 > 0.00180mAh 0.0026mWh(+)
 0.0000mWh(-)

00000:02:20
 2.377 V o.r A 3.9941mA
 1.890mW o.r VA o.r var
 o.r(PF) o.r DEG 50.008 Hz
 INTEGRATOR
 TOTAL TIME 00000:02:20
 > 0.04928mAh 0.0702mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:10
 > 0.00360mAh 0.0052mWh(+)
 0.0000mWh(-)

00000:02:23
 2.376 V o.r A 3.9373mA
 1.825mW o.r VA o.r var
 o.r(PF) o.r DEG 49.995 Hz
 INTEGRATOR
 TOTAL TIME 00000:02:23
 > 0.05050mAh 0.0719mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:03
 > 0.00122mAh 0.0017mWh(+)
 0.0000mWh(-)

INTEGRATOR STOP

MANUAL
 2.375 V 1.2935mA 3.9205mA
 1.799mW 3.072mVA 2.490mvar
 0.5857(PF) 54.15 DEG 49.998 Hz
 INTEGRATOR
 TOTAL TIME 00000:02:23
 > 0.05050mAh 0.0719mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)

INTEGRATOR START

00000:00:00
 2.375 V 1.2903mA 3.9005mA
 1.804mW 3.064mVA 2.477mvar
 0.5886(PF) 53.94 DEG 49.982 Hz
 INTEGRATOR
 TOTAL TIME 00000:02:23
 > 0.05050mAh 0.0719mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:00
 0.0000mAh 0.0000mWh(+)
 0.0000mWh(-)

00000:00:10
 2.371 V 1.2411mA 3.8261mA
 1.762mW 2.943mVA 2.357mvar
 0.5988(PF) 53.22 DEG 49.999 Hz
 INTEGRATOR
 TOTAL TIME 00000:02:33
 > 0.05401mAh 0.0769mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:10
 > 0.00351mAh 0.0050mWh(+)
 0.0000mWh(-)

00000:00:20
 2.378 V o.r A 4.0212mA
 1.898mW o.r VA o.r var
 o.r(PF) o.r DEG 49.995 Hz
 INTEGRATOR
 TOTAL TIME 00000:02:43
 > 0.05759mAh 0.0820mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:10
 > 0.00357mAh 0.0051mWh(+)
 0.0000mWh(-)

00000:00:30
 2.373 V 1.2762mA 3.8917mA
 1.813mW 3.029mVA 2.427mvar
 0.5985(PF) 53.24 DEG 50.018 Hz
 INTEGRATOR
 TOTAL TIME 00000:02:53
 > 0.06117mAh 0.0871mWh(+)
 0.0000mWh(-)
 INTERVAL TIME 00000:00:10
 > 0.00358mAh 0.0051mWh(+)
 0.0000mWh(-)

```

0000:00:40
  2.370 V      1.2824mA    3.8833mAp
  1.801mW     3.039mVA    2.448mvar
  0.5925(PF)  53.67 DEG   49.988 Hz
INTEGRATOR
TOTAL TIME    0000:03:03
> 0.06468mAh 0.0920mWh(+)
  0.0000mWh(-)
INTERVAL TIME 0000:00:10
> 0.00352mAh 0.0050mWh(+)
  0.0000mWh(-)

0000:00:50
  2.363 V      1.2226mA    3.7371mAp
  1.727mW     2.889mVA    2.316mvar
  0.5977(PF)  53.29 DEG   49.953 Hz
INTEGRATOR
TOTAL TIME    0000:03:13
> 0.06820mAh 0.0970mWh(+)
  0.0000mWh(-)
INTERVAL TIME 0000:00:10
> 0.00352mAh 0.0049mWh(+)
  0.0000mWh(-)

0000:01:00
  2.368 V      1.2817mA    3.8477mAp
  1.779mW     3.035mVA    2.459mvar
  0.5862(PF)  54.11 DEG   49.950 Hz
INTEGRATOR
TOTAL TIME    0000:03:23
> 0.07173mAh 0.1020mWh(+)
  0.0000mWh(-)
INTERVAL TIME 0000:00:10
> 0.00353mAh 0.0050mWh(+)
  0.0000mWh(-)

0000:01:10
  2.359 V      1.2041mA    3.6796mAp
  1.696mW     2.841mVA    2.278mvar
  0.5972(PF)  53.33 DEG   49.916 Hz
INTEGRATOR
TOTAL TIME    0000:03:33
> 0.07507mAh 0.1066mWh(+)
  0.0000mWh(-)
INTERVAL TIME 0000:00:10
> 0.00334mAh 0.0047mWh(+)
  0.0000mWh(-)

0000:01:20
  2.375 V      o.r A      3.9478mAp
  1.851mW     o.r VA     o.r var
  o.r(PF)     o.r DEG    49.953 Hz
INTEGRATOR
TOTAL TIME    0000:03:43
> 0.07859mAh 0.1116mWh(+)
  0.0000mWh(-)
INTERVAL TIME 0000:00:10
> 0.00352mAh 0.0050mWh(+)
  0.0000mWh(-)

0000:01:30
  2.370 V      1.2751mA    3.8542mAp
  1.795mW     3.023mVA    2.429mvar
  0.5952(PF)  53.48 DEG   49.979 Hz
INTEGRATOR
TOTAL TIME    0000:03:53
> 0.08215mAh 0.1167mWh(+)
  0.0000mWh(-)
INTERVAL TIME 0000:00:10
> 0.00356mAh 0.0051mWh(+)
  0.0000mWh(-)

0000:01:40
  2.359 V      1.1443mA    3.6096mAp
  1.659mW     2.699mVA    2.129mvar
  0.6146(PF)  52.07 DEG   49.987 Hz
INTEGRATOR
TOTAL TIME    0000:04:03
> 0.08553mAh 0.1214mWh(+)
  0.0000mWh(-)
INTERVAL TIME 0000:00:10
> 0.00338mAh 0.0047mWh(+)

```

March 15th in 2006 9:00 ~ 9:30 (30 minutes) Data C

The ampere-hour meter measured data D

March 18th in 2006 21:40 Unmanned (The voltage, the electric current , Range AUTO)

Figure a-2 ampere-hour meter: the ordinary connection(p.14)

```
MANUAL
  2.384 V      o.r A      3.8533mA
  1.924mW     o.r VA     o.r var
    o.r(PF)   o.r DEG    50.012 Hz
```

```
INTEGRATOR
TOTAL TIME    0000:00:00
  0.0000mAh   0.0000mWh(+)
  0.0000mWh(-)
INTERVAL TIME 0000:00:00
  0.0000mAh   0.0000mWh(+)
  0.0000mWh(-)
```

```
MANUAL
  2.378 V      1.2470mA     3.6909mA
  1.793mW     2.966mVA     2.362mvar
  0.6047(PF)  52.80 DEG    49.957 Hz
```

```
INTEGRATOR
TOTAL TIME    0000:00:00
  0.0000mAh   0.0000mWh(+)
  0.0000mWh(-)
INTERVAL TIME 0000:00:00
  0.0000mAh   0.0000mWh(+)
  0.0000mWh(-)
```

```
MANUAL
  2.384 V      o.r A      3.8296mA
  1.925mW     o.r VA     o.r var
    o.r(PF)   o.r DEG    50.009 Hz
```

```
INTEGRATOR
TOTAL TIME    0000:00:00
  0.0000mAh   0.0000mWh(+)
  0.0000mWh(-)
INTERVAL TIME 0000:00:00
  0.0000mAh   0.0000mWh(+)
  0.0000mWh(-)
```

```
MANUAL
  2.383 V      o.r A      3.8347mA
  1.916mW     o.r VA     o.r var
    o.r(PF)   o.r DEG    50.016 Hz
```

```
INTEGRATOR
TOTAL TIME    0000:00:00
  0.0000mAh   0.0000mWh(+)
  0.0000mWh(-)
INTERVAL TIME 0000:00:00
  0.0000mAh   0.0000mWh(+)
  0.0000mWh(-)
```

```
MANUAL
  2.384 V      o.r A      3.8219mA
  1.912mW     o.r VA     o.r var
    o.r(PF)   o.r DEG    50.023 Hz
```

```
INTEGRATOR
TOTAL TIME    0000:00:00
  0.0000mAh   0.0000mWh(+)
  0.0000mWh(-)
INTERVAL TIME 0000:00:00
  0.0000mAh   0.0000mWh(+)
  0.0000mWh(-)
```

```
MANUAL
  2.384 V      1.2845mA     3.8549mA
  1.895mW     3.062mVA     2.405mvar
  0.6189(PF)  51.76 DEG    50.071 Hz
```

```
INTEGRATOR
TOTAL TIME    0000:00:00
  0.0000mAh   0.0000mWh(+)
  0.0000mWh(-)
INTERVAL TIME 0000:00:00
  0.0000mAh   0.0000mWh(+)
  0.0000mWh(-)
```

The attachment: p.31 ~ p.37

“The thermodynamics revolution”

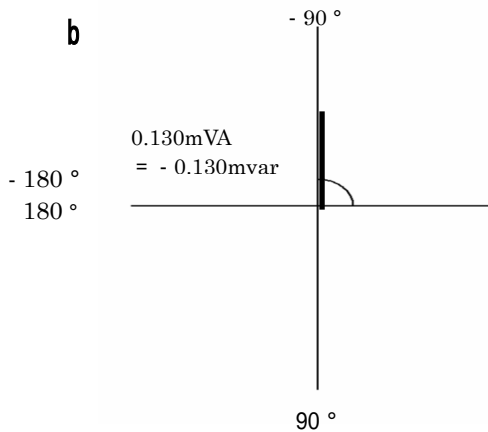
Verification of Maxwell’s demon by power factor improvement

The time energy= the super gravity is the principle of the proof.

The time energy: past future and future past

The time (the back) energy

Ampere-hour meter connected to be opposite to the line.



$$VA = - var$$

MANUAL		
2.241 V	0.0580mA	0.100mAP
0.000mW	0.130mVA	- 0.130mvar
-0.0000(PF)	- 90.00 DEG	50.035 Hz

Experiment a-3 The ampere-hour meter data A April 4th in 2006(p.7)

- 0.0000PF LED lighting-up

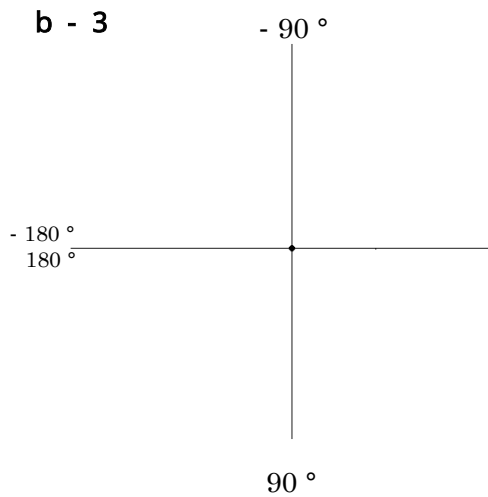
「0.130mVA= - 0.130mvar」

「W=0.000mW」

Turning-over measurement's being impossible

The time (the table) energy

Ampere-hour meter connected to be ordinary to the line.



$$\times A = 0 = VA = W$$

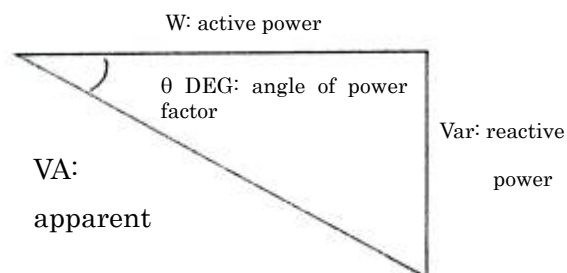
LED lighting-up

MANUAL		
2.196 V	0.000mA	0.000mAP
0.000mW	0.000mVA	0.000mvar
o.r(PF)	o.r DEG	49.980 Hz

Part 5 The ampere-hour meter data B March 30th in 2006(p.12)

(The following is the excerpt of “Study of connecting point with three-dimensions and four-dimensions by pictorial art The 7th article”)

5. Verification of Maxwell’s demon by power factor improvement



	PF	VA	var	W
	Power factor improvement	Apparent power	Reactive power	Active power
<p>(1)</p> <p>Power factor improvement by a condensive capacitor</p> <p>*When Maxwell's demon does not exist</p>	<ul style="list-style-type: none"> As power factor improves, <u>the triangle becomes smaller.</u> When power factor = dot, <u>power factor one is impossible</u> because all the electric powers are zero. <p>1(PF)</p>	<ul style="list-style-type: none"> As power factor improves, <u>apparent power reduces.</u> <p>VA VA=0 1(PF)</p>	<ul style="list-style-type: none"> As power factor improves, reactive power reduces. When reactive power becomes zero, all the electric powers become zero and <u>the triangle becomes a dot.</u> <p>var var=0 1(PF)</p>	<ul style="list-style-type: none"> As power factor improves, <u>active power reduces.</u> <p>W W=0 1(PF)</p>
<p>(2)</p> <p>Power improvement by IKOSOLID</p> <p>*When Maxwell's demon exists</p>	<ul style="list-style-type: none"> As power factor improves, <u>the triangle extends horizontally</u> When power factor is one, <u>the triangle becomes one line.</u> <p>1(PF)</p>	<ul style="list-style-type: none"> As power factor improves, <u>apparent power becomes close to active power and becomes same when power factor is one.</u> <p>VA VA=W 1(PF)</p>	<ul style="list-style-type: none"> As power factor improves, reactive power reduces. (Depending on the angle θ of the power factor, it increases temporally, at such time, apparent power and active power increase, too) When reactive power is zero, <u>the triangle becomes a line.</u> <p>var=0 1(PF)</p>	<ul style="list-style-type: none"> As power factor improves, <u>active power increases.</u> When power factor is one, apparent power = active power and the <u>triangle becomes one line and continues increasing.</u> <p>W VA=W 1(PF)</p> <p>It Extends more</p>

I We will verify “(2) Power factor improvement by IKOSOLID =Maxwell’s demon”

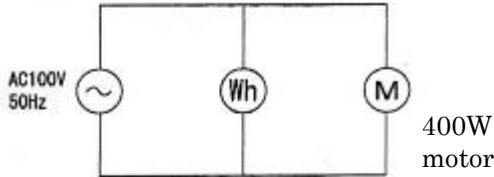
I-1 Experiments on increase of integrating active power of a motor with IKOSOLID and IKODOEITSCUBE X^3

“Amplification rate 47.27% (2 hours’ measurement)”

December 7, 19, 2003
K.I. Laboratory in Japan

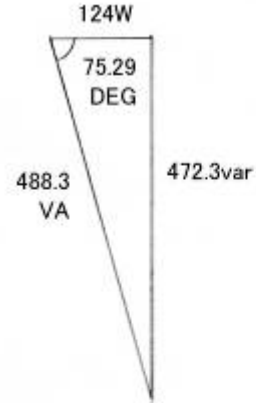
Measurement data for

Experiment A :

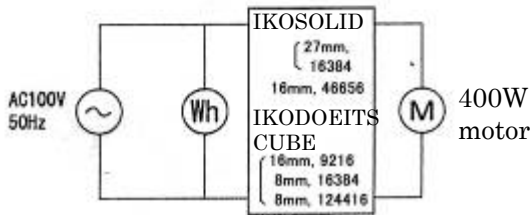


00002:00:00		
101.36 V	4.818 A	7.593 Ap
0.1240kW	0.4883kVA	0.4723kvar
0.2539(PF)	75.29 DEG	50.085 Hz
INTEGRATOR		
TOTAL TIME	00002:00:00	
9.2737 Ah		0.24017kWh(+)
0.00000kWh(-)		

Integrated active power 0.24017kwh

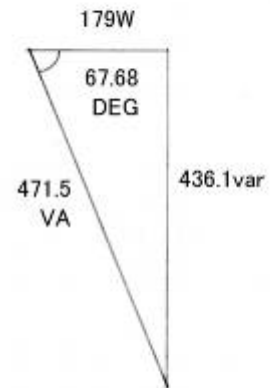


Experiment B :



00002:00:00		
103.64 V	4.549 A	6.272 Ap
0.1790kW	0.4715kVA	0.4361kvar
0.3797(PF)	67.68 DEG	49.847 Hz
INTEGRATOR		
TOTAL TIME	00002:00:00	
9.0022 Ah		0.35369kWh(+)
0.00000kWh(-)		

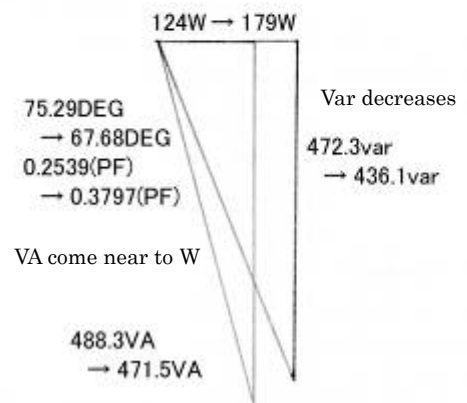
Integrated active power 0.35369kwh



W increases (Linear

* Pile two triangles of Experiment A and Experiment B

Power factor improvement



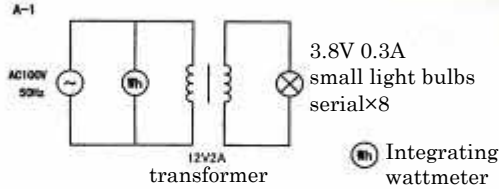
I-2 Experiment to reduce power loss (to make power factor of transformer one)

Phenomena of electric power loss reduction and electric power amplification

September 3, 14, 15, 16, 2003

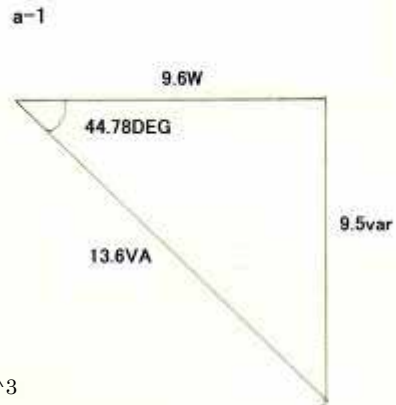
K.I. Laboratory in Japan

Wiring diagram

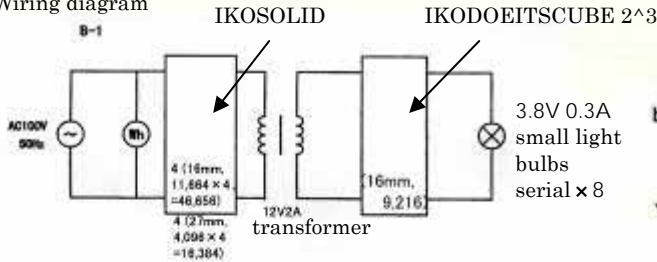


a-1

00002:00:00	103.16 V	0.131 A	0.28 Ap
0.0096kWh	0.0136kVA	0.0095kvar	
0.7098(PF)	44.78 DEG	49.967 Hz	
INTEGRATOR			
TOTAL TIME	00002:00:00		
	0.2544 Ah	0.01913kWh(+)	
	0.0000kWh(-)		
INTERVAL TIME 00000:30:00			
	0.0656 Ah	0.00484kWh(+)	
	0.0000kWh(-)		

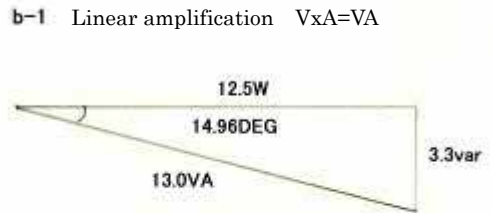


Wiring diagram



b-1

00016:00:00	104.42 V	0.124 A	1.10 Ap
0.0125kWh	0.0130kVA	0.0033kvar	
0.9661(PF)	14.96 DEG	50.001 Hz	
INTEGRATOR			
TOTAL TIME	00016:00:00		
	2.1143 Ah	0.22406kWh(+)	
	0.0000kWh(-)		
INTERVAL TIME 00000:30:00			
	0.0613 Ah	0.00626kWh(+)	
	0.0000kWh(-)		

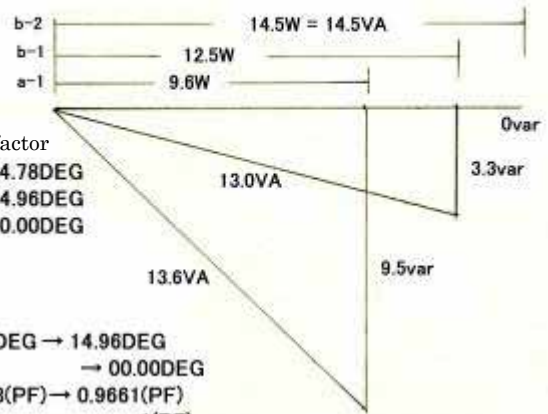


b-2

00002:00:00	103.05 V	0.135 A	1.11 Ap
0.0145kWh	0.0145kVA	0.0000kvar	
1.0000(PF)	0.00 DEG	50.019 Hz	
INTEGRATOR			
TOTAL TIME	00002:00:00		
	0.2766 Ah	0.02977kWh(+)	
	0.0000kWh(-)		
INTERVAL TIME 00000:30:00			
	0.0684 Ah	0.00730kWh(+)	
	0.0000kWh(-)		

b-2 Non-linear amplification $VxA < VA$

$14.5W = 14.5VA \quad var=0$



* Triangles (a-1 and b-1,) and one line (b-2) are piled

Angle of power factor

- a-1 44.78DEG
- b-1 14.96DEG
- b-2 00.00DEG

Power factor improvement

44.78DEG → 14.96DEG
 → 00.00DEG
 0.7098(PF) → 0.9661(PF)
 → 1(PF)

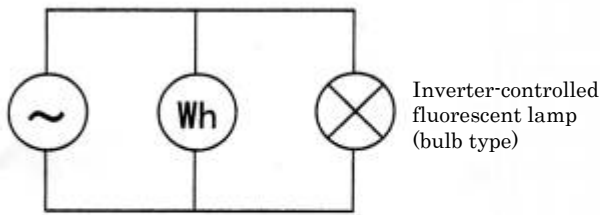
I-3 Experiment to make inverter (bulb fluorescent lamp) power factor one

Reference: *Experiments on increase of integrating active power of a motor and an inverter-controlled compact self-ballasted fluorescent lamp with the IKOSOLID and the IKODOEITSCUBE*

May 28, June 16, 2003

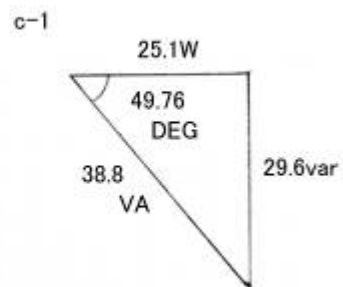
K.I Laboratory in Japan

c.

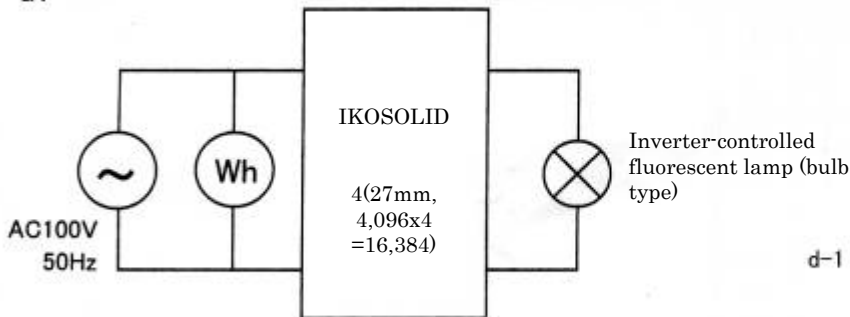


c-1

00002:00:00	103.00 V	0.377 A	0.67 A _{eff}
	0.0251kW	0.0388kVA	-0.0296kvar
	-0.6460(PF)	- 49.76 DEG	50.039 Hz
INTEGRATOR			
TOTAL TIME	00002:00:00		
	0.7576 Ah		0.05015kWh(+)
	0.0000kWh(-)		
INTERVAL TIME	00000:30:00		
	0.1891 Ah		0.01253kWh(+)
	0.0000kWh(-)		



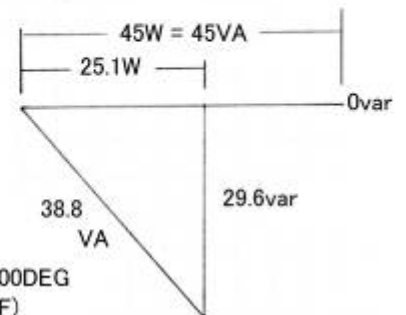
d.



d-1

00002:00:00	104.41 V	0.396 A	0.13 A _{eff}
	0.045kW	0.045kVA	- 0.000kvar
	-1.0000(PF)	- 0.00 DEG	50.023 Hz
INTEGRATOR			
TOTAL TIME	00002:00:00		
	0.7854 Ah		0.0908kWh(+)
	0.0000kWh(-)		
INTERVAL TIME	00000:30:00		
	0.1955 Ah		0.0226kWh(+)
	0.0000kWh(-)		

d-1 Non-linear amplification
VxA<VA
45W = 45VA var=0



* Pile a triangle (c-1) and one line (d-1)

Angle of power factor

c-1 49.76DEG
d-1 00.00DEG

Power

49.76DEG → 00.00DEG
0.646(PF) → 1(PF)

I-4 Non-linear amplification of power factor one of an incandescent lamp

Reference: *Resistance reduction experiment*

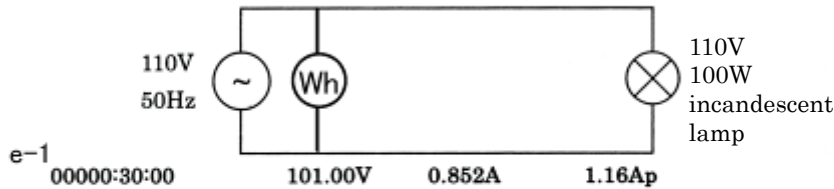
February 10, 2004

K.I. Laboratory in Japan

Normal condition

e

$VA = V \times A$ $W = V \times A \times 1 (PF)$



e-1 Linear $V \times A = VA$

86.4W = 86.4VA

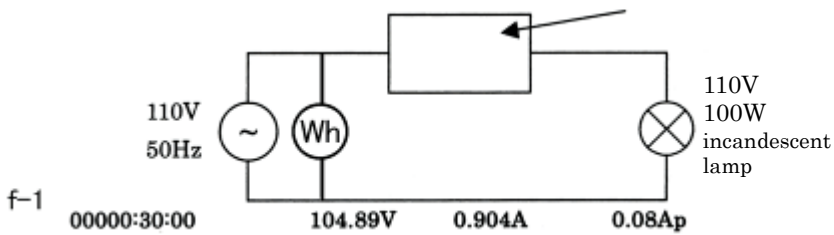
e-1
00000:30:00
101.00V 0.852A 1.16Ap
0.0864kW 0.0864kVA -0.0000kvar
-1.0000(PF) - 0.0 DEG 49.992 Hz
VA = V x A W = V x A x 1 (PF)
86.4 V A = 101.00 V x 0.852 A = 86.052 V A
86.4 W = 101.00 V x 0.852 A x 1 (P F) = 86.052 W

There is a little tolerance of wattmeter, but it became almost $VA = V \times A$ as calculated

f

SEPTIMALNOTATION IKOSOLID 5^3 is connected $VA > V \times A$ $W > V \times A \times 1(PF)$
SEPTIMALNOTATION IKOSOLID 5^3 1/n square conductor 27mm 14336 pieces

SEPTIMALNOTATION IKOSOLID 5^3



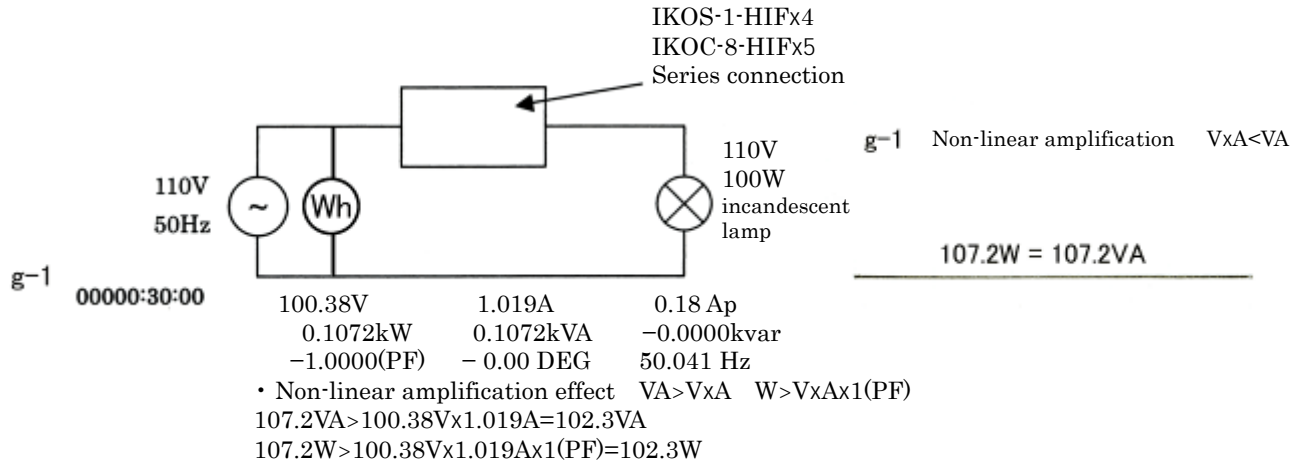
f-1 Non-linear amplification
 $V \times A < VA$

Non-linear amplification effect $VA > V \times A$ $W > V \times A \times 1 (PF)$
100.3 V A > 104.89 V x 0.904 A = 94.82 V A
100.3 W > 104.89 V x 0.904 A x 1 (P F) = 94.82 W

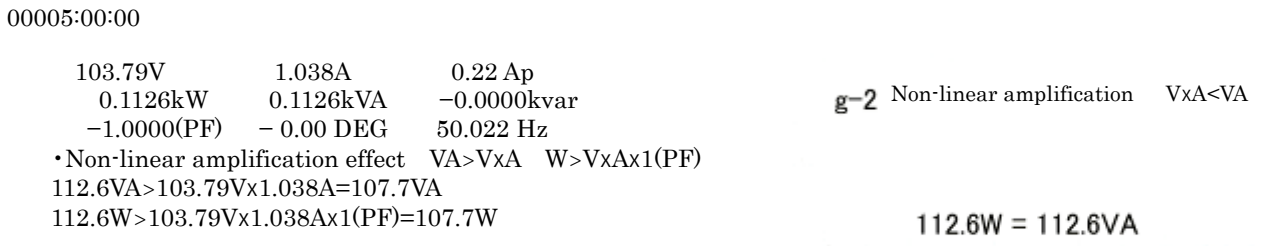
100.3W = 100.3VA

g

IKOSOLID: Series connection of four IKOS-1-HIFs and five IKOC-8-HIFs (Refer to *Resistance reduction experiment*, September 7, 2004, K.I laboratory in Japan)



g-2



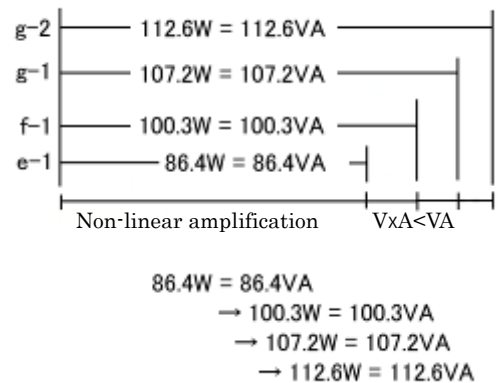
(Reference: *Resistance reduction experiment*

September 7, 2004, K.I Laboratory in Japan)

“Comparison of normal e. and g. of resistance reduction experiment”

Total electric energy	24.65%	increase (16 hours)
Total current	19.83%	increase (16 hours)
Average in 16 hours	118.34Ω	→ 99.06Ω
Resistance	19.28Ω	decrease

* Pile four lines (e-1, f-1, g-1, g-2)



This *Verification of Maxwell's demon by IKOSOLID (one-dimensional phase crystal solid) (Revolution in thermodynamics)* is the verification of the existence of Maxwell's demon at the time of power factor improvement by experiments.

As for the theory (experimental verification attached), you will obtain further understanding by referring to *Three verifications of IKOSOLID (one-dimensional phase crystal solid) (refer to attached verification experiments)* $E = mC^2 < E' = m'C^2$ It surpasses Josephson and Meissner effect of superconductivity at normal temperature.

Koei Endo

Ikuyo Endo

The attachment: p.38 ~ p.41

“Study of connecting point with three-dimensions and four-dimensions by pictorial art”

Part - 8

The formation of the fundamental form of the lump of IKOSOLID,
as the feature structure : the three-dimensional 8 directions (4
directions of the length, 4 directions of the diagonal side.
IKOSOLID minus-SEPTIMALNOTATION of X^3 of 1 : - 8)
and
as the outer fence structure : the three-dimensional 6 directions (2
directions of the length, 4 directions of the side. IKOSOLID
SEPTIMALNOTATION of X^3 of 1 : 6)

May, 2006

Koei Endo
Ikuyo Endo

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1、 The purpose of this paper.

This three-dimensional world is the solid world which has SEPTIMALNOTATION structure.

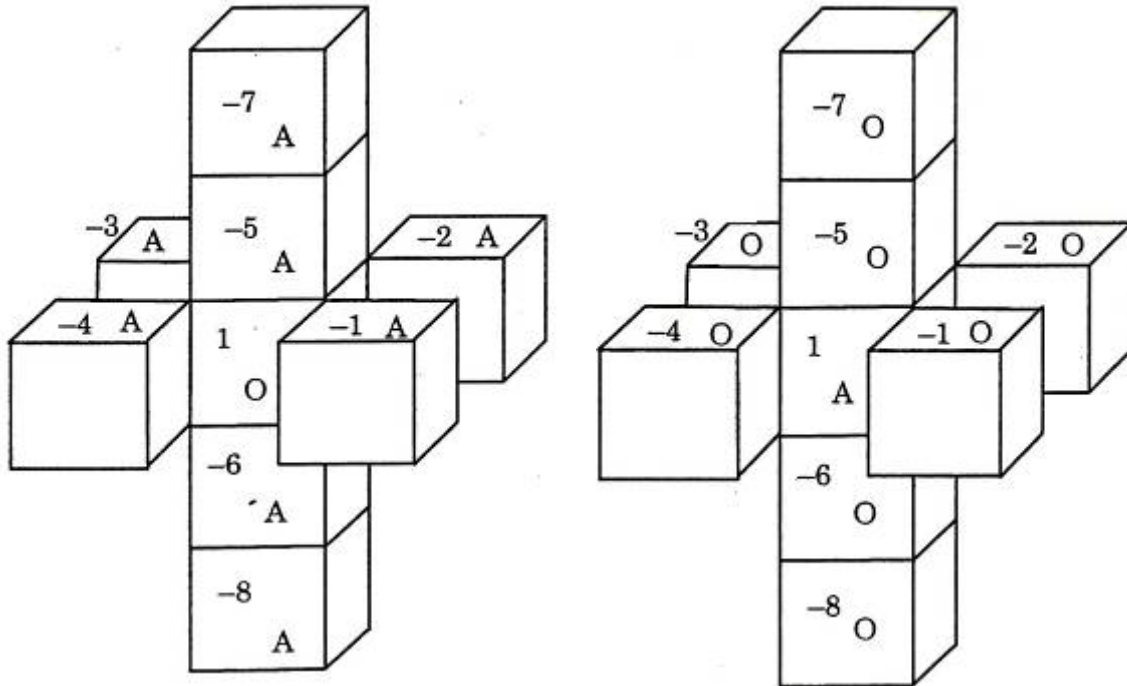
SEPTIMALNOTATION structure of 1:6 are in the higher rank. The second place includes SEPTIMALNOTATION structure of 2:5. Most which are general are SEPTIMALNOTATION structure of 3:4. By this paper, it is described that the formation of the fundamental form of the lump of IKOSOLID, as the feature structure : the three-dimensional 8 directions (4 directions of the length, 4 directions of the diagonal side. IKOSOLID minus-SEPTIMALNOTATION of X^3 of 1 : - 8) and as the outer fence structure : the three-dimensional 6 directions (2 directions of the length, 4 directions of the side. IKOSOLID SEPTIMALNOTATION of X^3 of 1 : 6),

May 21st in 2006

Koei Endo

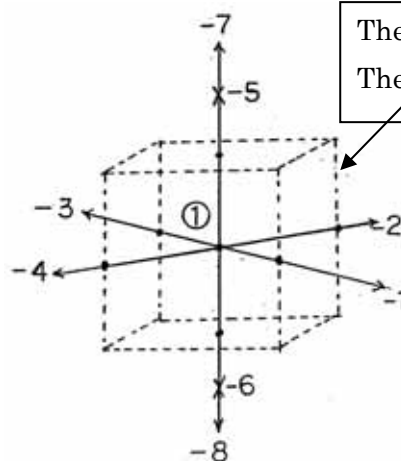
Ikuyo Endo

2, The fundamental form of the three-dimensional 8 directions (4 directions of the length, 4 directions of the diagonal side. IKOSOLID minus-SEPTIMALNOTATION of X^3 of 1 : - 8) .



When being 1 is a man. = O
Figure 2 - 1

When being 1 is a woman. = A
Figure 2 - 2



The solid afterimage
The solid = three-dimensional world

Figure 2 - 3

The structure : the three-dimensional 8 directions (4 directions of the length, 4 directions of the diagonal side. IKOSOLID minus-SEPTIMALNOTATION of X^3 of 1 : - 8) . • • Figure 2 - 3

3, The fundamental form of the lump of IKOSOLID,
 as the feature structure : the three-dimensional 8 directions (4 directions of the length, 4 directions of the diagonal side. IKOSOLID minus-SEPTIMALNOTATION of X^3 of 1 : - 8) and as the outer fence structure : the three-dimensional 6 directions (2 directions of the length, 4 directions of the side. IKOSOLID SEPTIMALNOTATION of X^3 of 1 : 6)

a, The rule of the structure .

The overlap connection (The length and the diagonal side) · · · The monopole
 The diagonal transversal connection which doesn't overlap · · · O + A or A + O

* Only the overlap connection of the vertical connection among the fundamental forms. [- 7 A] + [- 8 A] or [- 7 O] + [- 8 O]

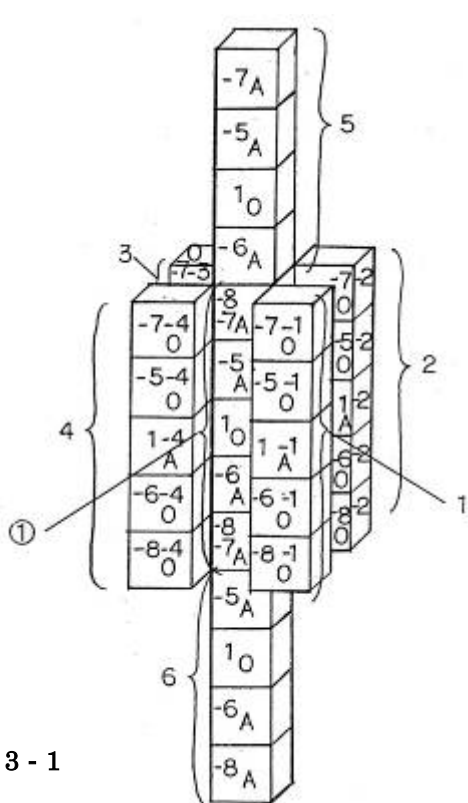


Figure 3 - 1

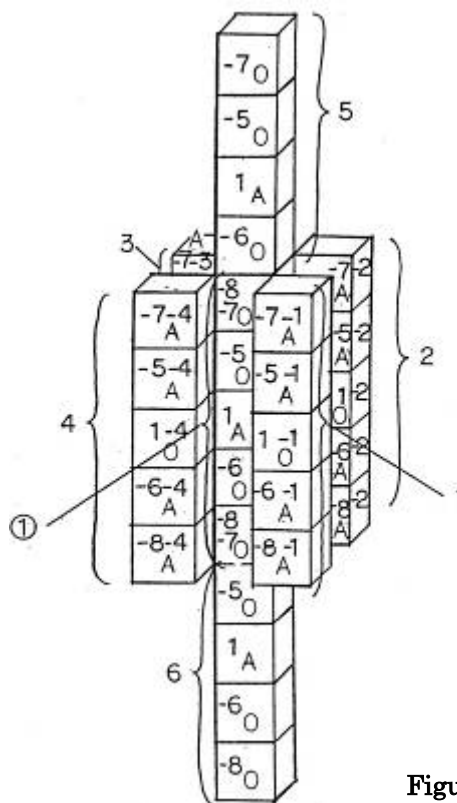


Figure 3 - 2

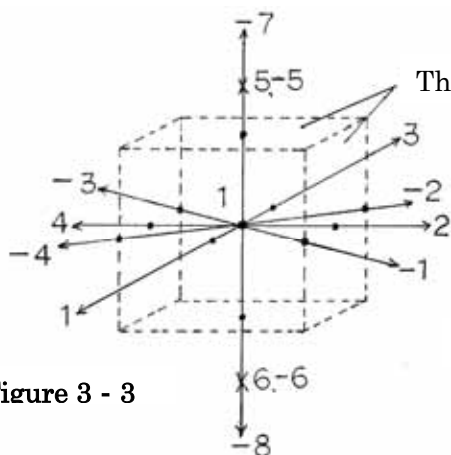


Figure 3 - 3

The solid afterimage

The IKOSOLID crystal structure which can go through the solid (= the three-dimensional world)

Feature structure is IKOSOLID minus-SEPTIMALNOTATION of X^3 of 1 : - 8 .

Outer fence structure is IKOSOLID SEPTIMALNOTATION of X^3 of 1 : 6