

研究成果 ① ② ③

学術論文15編、総合報告3編、書籍中の1編 計19編 (2023年5月現在)
(学術論文 掲載順)

① ピラミッドパワーとBio-Entanglement

ピラミッド型構造物 (pyramidal structure: PS) の潜在力 (ピラミッドパワー) を実験的に実証

ピラミッドパワーの解析によりBio-Entanglementを発見

(関連する学術論文 8編：第7, 8, 9, 10, 11, 12, 14, 15 論文)

② PS内での被験者の瞑想による効果

PSは人間が発している未知エネルギーを変換するエネルギー変換装置

(関連する学術論文 4編：第1, 2, 3, 6 論文)

③ バイオセンサの特性

バイオセンサから放出されるガス濃度の概日リズム (日内変動) 等

(関連する学術論文 3編：第4, 5, 13論文)

研究成果 ①

ピラミッドパワーとBio-Entanglement (8編の学術論文)

(1) PSの潜在力(ピラミッドパワー)の存在を実験で実証

第7論文 文献 [8]

Takagi, O., Sakamoto, M., Yoichi, H., Kawano, K. and Yamamoto, M. (2019) Potential Power of the Pyramidal Structure. *Natural Science*, **11**, 257-266.
<https://doi.org/10.4236/ns.2019.118026>

[8] 原著

[8] 日本語訳

(2) PS頂点に2段に重ねて置いたバイオセンサに対するピラミッド効果は、下段よりも上段が大きいことを発見

第8論文 文献 [11]

Takagi, O., Sakamoto, M., Yoichi, H., Kawano, K. and Yamamoto, M. (2020) Potential Power of the Pyramidal Structure II. *Natural Science*, **12**, 248-272.
<https://doi.org/10.4236/ns.2020.125022>

[11] 原著

[11] 日本語訳

(3) 季節変動するピラミッド効果と季節変動しないピラミッド効果を発見

第9論文 文献 [13]

Takagi, O., Sakamoto, M., Yoichi, H., Kawano, K. and Yamamoto, M. (2020) Potential Power of the Pyramidal Structure III: Discovery of Pyramid Effects with and without Seasonal Variation. *Natural Science*, **12**, 743-753.
<https://doi.org/10.4236/ns.2020.1212066>

[13] 原著

[13] 日本語訳

研究成果 ①

ピラミッドパワーとBio-Entanglement (8編の学術論文)

(4) ピラミッド効果の解析により、Bio-Entanglementを発見

第10論文 文献 [14]

Takagi, O., Sakamoto, M., Kawano, K. and Yamamoto, M. (2021) Potential Power of the Pyramidal Structure IV: Discovery of Entanglement Due to Pyramid Effects . *Natural Science*, **13**, 258-272.
<https://doi.org/10.4236/ns.2021.137022>

[14] 原著

[14] 日本語訳

(5) Bio-Entanglementによる、ガス濃度の周期的日内変動に対する影響

第11論文 文献 [15]

Takagi, O., Sakamoto, M., Kawano, K. and Yamamoto, M. (2021) Potential Power of the Pyramidal Structure V: Seasonal Changes in the Periodicity of Diurnal Variation of Biosensors Caused by Entanglement Due to Pyramid Effects . *Natural Science*, **13**, 523-536.
<https://doi.org/10.4236/ns.2021.1312046>

[15] 原著

[15] 日本語訳

(6) ピラミッドパワーとBio-Entanglementの効果を分離

第12論文 文献 [16]

Takagi, O., Sakamoto, M., Kawano, K. and Yamamoto, M. (2022) Potential Power of the Pyramidal Structure VI: Pyramid Effects due to Potential Power and Pyramid Effects due to Bio-Entanglement. *Natural Science*, **14**, 251-263.
<https://doi.org/10.4236/ns.2022.146025>

[16] 原著

[16] 日本語訳

研究成果 ①

ピラミッドパワーとBio-Entanglement (8編の学術論文)

(7) ピラミッドパワーとBio-Entanglementのガス濃度の概日リズムの位相・振幅に対する影響

第14論文 文献[18]

Takagi, O., Sakamoto, M., Kawano, K. and Yamamoto, M. (2023) Potential Power of the Pyramidal Structure VII: Effects of Pyramid Power and Bio-Entanglement on the Circadian Rhythm of Biosensors. *Natural Science*, **15**, 19-38.

<https://doi.org/10.4236/ns.2023.151003>

[18] 原著

[18] 日本語訳

(8) ピラミッドパワーとBio-Entanglementの周期的な日内振動の探求

第15論文 文献[19]

Takagi, O., Sakamoto, M., Kawano, K. and Yamamoto, M. (2023) Potential Power of the Pyramidal Structure VIII: Exploration of Periodic Diurnal Oscillation of Pyramid Power and Bio-Entanglement. *Natural Science*, **15**, 179-189.

<https://doi.org/10.4236/ns.2023.154013>

[19] 原著

[19] 日本語訳

研究成果 ②

PS内での被験者の瞑想による効果 (4編の学術論文)

(1) PS内での被験者の瞑想による、PS頂点のバイオセンサに対する影響

第1論文 文献[1]

Takagi, O., Sakamoto, M., Kokubo, H., Yoichi, H., Kawano, K. and Yamamoto, M. (2013) Meditator's Non-Contact Effect on Cucumbers. *International Journal of Physical Sciences*, **8**, 647-651.
<https://doi.org/10.5897/IJPS2012.3800>

[1] 原著

[1] 日本語訳

(2) PS内での被験者の瞑想による、遅延をともなったピラミッド効果の発見

第2論文 文献[2]

Takagi, O., Sakamoto, M., Yoichi, H., Kokubo, H., Kawano, K. and Yamamoto, M. (2015) Discovery of an Anomalous Non-Contact Effect with a Pyramidal Structure. *International Journal of Sciences*, **4**, 42-51.
<https://doi.org/10.18483/ijSci.714>

[2] 原著

[2] 日本語訳

(3) ピラミッド効果の発生要件を特定し、PSがエネルギー変換装置であることを結論

第3論文 文献[3]

Takagi, O., Sakamoto, M., Yoichi, H., Kokubo, H., Kawano, K. and Yamamoto, M. (2016) An Unknown Force Awakened by a Pyramidal Structure. *International Journal of Sciences*, **5**, 45-56.
<https://doi.org/10.18483/ijSci.1038>

[3] 原著

[3] 日本語訳

研究成果 ②

PS内での被験者の瞑想による効果 (4編の学術論文)

(4) PSから約6 km離れた被験者の影響による、バイオセンサに対するピラミッド効果

第6論文 文献[7]

Takagi, O., Sakamoto, M., Yoichi, H., Kokubo, H., Kawano, K. and Yamamoto, M. (2019) Discovery of an Un-explained Long-Distance Effect Caused by the Association between a Pyramidal Structure and Human Unconsciousness. *Journal of International Society of Life Information Science*, **37**, 4-16. https://doi.org/10.18936/islis.37.1_4

[7] 原著

[7] 日本語訳

研究成果 ③

バイオセンサの特性 (3編の学術論文)

(1) バイオセンサから放出されるガス濃度の概日リズム

第4論文 文献[5]

Takagi, O., Sakamoto, M., Yoichi, H., Kokubo, H., Kawano, K. and Yamamoto, M. (2018) Discovery of Seasonal Dependence of Bio-Reaction Rhythm with Cucumbers. *International Journal of Science and Research Methodology*, **9**, 163-175.

<https://www.researchgate.net/publication/331917254>

[5] 原著

[5] 日本語訳

(2) キュウリの切断面の方向の違いによる、放出ガス濃度の変化

第5論文 文献[6]

Takagi, O., Sakamoto, M., Yoichi, H., Kokubo, H., Kawano, K. and Yamamoto, M. (2018) Relationship between Gas Concentration Emitted from Cut Cucumber Cross Sections and Growth Axis. *International Journal of Science and Research Methodology*, **9**, 153-167.

<https://www.researchgate.net/publication/331917255>

[6] 原著

[6] 日本語訳

(3) バイオセンサから放出されるガス濃度の概日リズムの季節変化 (冬は8時間、春は6時間、夏は24時間、秋は24時間と12時間の混合リズム)

第13論文 文献[17]

Takagi, O., Sakamoto, M., Kawano, K. and Yamamoto, M. (2022) Seasonal Changes in the Circadian Rhythm of Gas Released from Harvested Cucumbers. *Natural Science*, **14**, 503-516.

<https://doi.org/10.4236/ns.2022.1411045>

[17] 原著

[17] 日本語訳

研究成果

(総合報告) (3編)

(1) ピラミッド型構造物で発見された特異な現象の発生要件

総合報告 01 文献[4]

Takagi, O., Sakamoto, M., Yoichi, H., Kokubo, H., Kawano, K. and Yamamoto, M. (2016) Necessary Condition of an Anomalous Phenomenon Discovered by a Pyramidal Structure. *Journal of International Society of Life Information Science*, **34**, 154-157.

https://doi.org/10.18936/islis.34.2_154

[4]総報01

[4]総報01 日本訳

(2) ピラミッド型構造物の未知なる機能の実験による発見：人間との関わりによって生じた現象から

総合報告 02 文献[9]

Takagi, O., Sakamoto, M., Yoichi, H., Kokubo, H., Kawano, K. and Yamamoto, M. (2019) Discovery from the Experiment on the Unexplained Functions of the Pyramidal Structure—The Phenomenon Caused by the Personal Relationship. *Journal of International Society of Life Information Science*, **37**, 60-65.

https://doi.org/10.18936/islis.37.1_60

[9]総報02

[9]総報02 日本訳

(3) ピラミッドパワーの科学的解明 I

総合報告 03 文献[12]

Takagi, O., Sakamoto, M., Yoichi, H., Kawano, K. and Yamamoto, M. (2020) Scientific Elucidation of Pyramid Power: I. *Journal of International Society of Life Information Science*, **38**, 130-145.

https://doi.org/10.18936/islis.38.2_130

[12]総報03

[12]総報03 日本訳

研究成果

(書籍) (1編)

(1) 瞑想者のキュウリに対する非接触効果

書籍 01 文献[10]

Takagi, O., Sakamoto, M., Yoichi, H., Kawano, K. and Yamamoto, M. (2020) Chapter 4. Meditator's Non-Contact Effect on Cucumbers. In: Rafatullah, M., Ed., Theory and Applications of Physical Science, Vol. 3, Book Publisher International, London, 105-113.

<https://doi.org/10.9734/bpi/taps/v3>

[10]書籍01

文献 [1]-[19]

原著論文15編、総合報告3編、書籍中の1編 計19編
掲載順(2023年5月現在)

[1] Takagi, O., Sakamoto, M., Kokubo, H., Yoichi, H., Kawano, K. and Yamamoto, M. (2013) Mediator's NonContact Effect on Cucumbers. *International Journal of Physical Sciences*, **8**, 647-651.

<https://doi.org/10.5897/IJPS2012.3800> (第1論文)

[1] 原著

[1] 日本語訳

[2] Takagi, O., Sakamoto, M., Yoichi, H., Kokubo, H., Kawano, K. and Yamamoto, M. (2015) Discovery of an Anomalous Non-Contact Effect with a Pyramidal Structure. *International Journal of Sciences*, **4**, 42-51.

<https://doi.org/10.18483/ijSci.714> (第2論文)

[2] 原著

[2] 日本語訳

[3] Takagi, O., Sakamoto, M., Yoichi, H., Kokubo, H., Kawano, K. and Yamamoto, M. (2016) An Unknown Force Awakened by a Pyramidal Structure. *International Journal of Sciences*, **5**, 45-56.

<https://doi.org/10.18483/ijSci.1038> (第3論文)

[3] 原著

[3] 日本語訳

[4] Takagi, O., Sakamoto, M., Yoichi, H., Kokubo, H., Kawano, K. and Yamamoto, M. (2016) Necessary Condition of an Anomalous Phenomenon Discovered by a Pyramidal Structure. *Journal of International Society of Life Information Science*, **34**, 154-157.

https://doi.org/10.18936/islis.34.2_154 (総合報告 01)

[4] 総報01

[4] 総報01 日本語訳

[5] Takagi, O., Sakamoto, M., Yoichi, H., Kokubo, H., Kawano, K. and Yamamoto, M. (2018) Discovery of Seasonal Dependence of Bio-Reaction Rhythm with Cucumbers. *International Journal of Science and Research Methodology*, **9**, 163-175.

<https://www.researchgate.net/publication/331917254> (第4論文)

[5] 原著

[5] 日本語訳

[6] Takagi, O., Sakamoto, M., Yoichi, H., Kokubo, H., Kawano, K. and Yamamoto, M. (2018) Relationship between Gas Concentration Emitted from Cut Cucumber Cross Sections and Growth Axis. *International Journal of Science and Research Methodology*, **9**, 153-167.

<https://www.researchgate.net/publication/331917255> (第5論文)

[6] 原著

[6] 日本語訳

[7] Takagi, O., Sakamoto, M., Yoichi, H., Kokubo, H., Kawano, K. and Yamamoto, M. (2019) Discovery of an Unexplained Long-Distance Effect Caused by the Association between a Pyramidal Structure and Human Unconsciousness. *Journal of International Society of Life Information Science*, **37**, 4-16.

https://doi.org/10.18936/islis.37.1_4 (第6論文)

[7] 原著

[7] 日本語訳

[8] Takagi, O., Sakamoto, M., Yoichi, H., Kawano, K. and Yamamoto, M. (2019) Potential Power of the Pyramidal Structure. *Natural Science*, **11**, 257-266.

<https://doi.org/10.4236/ns.2019.118026> (第7論文)

[8] 原著

[8] 日本語訳

[9] Takagi, O., Sakamoto, M., Yoichi, H., Kokubo, H., Kawano, K. and Yamamoto, M. (2019) Discovery from the Experiment on the Unexplained Functions of the Pyramidal Structure—The Phenomenon Caused by the Personal Relationship. *Journal of International Society of Life Information Science*, **37**, 60-65.

https://doi.org/10.18936/islis.37.1_60 (総合報告 02)

[9] 総報02

[9] 総報02日本語訳

[10] Takagi, O., Sakamoto, M., Yoichi, H., Kawano, K. and Yamamoto, M. (2020) Meditator's Non-Contact Effect on Cucumbers. In: Rafatullah, M., Ed., *Theory and Applications of Physical Science*, Vol. 3, Book Publisher International, London, Chapter 4.

<https://doi.org/10.9734/bpi/taps/v3> (著書 01)

[10] 書籍01

[11] Takagi, O., Sakamoto, M., Yoichi, H., Kawano, K. and Yamamoto, M. (2020) Potential Power of the Pyramidal Structure II. *Natural Science*, **12**, 248-272.

<https://doi.org/10.4236/ns.2020.125022> (第8論文)

[11] 原著

[11] 日本語訳

[12] Takagi, O., Sakamoto, M., Yoichi, H., Kawano, K. and Yamamoto, M. (2020) Scientific Elucidation of Pyramid Power: I. *Journal of International Society of Life Information Science*, **38**, 130-145.

https://doi.org/10.18936/islis.38.2_130 (総合報告 03)

[12] 総報03

[12] 総報03 日本語訳

[13] Takagi, O., Sakamoto, M., Yoichi, H., Kawano, K. and Yamamoto, M. (2020) Potential Power of the Pyramidal Structure III: Discovery of Pyramid Effects with and without Seasonal Variation. *Natural Science*, **12**, 743-753.

<https://doi.org/10.4236/ns.2020.1212066> (第 9 論文)

[13] 原著

[13] 日本語訳

[14] Takagi, O., Sakamoto, M., Kawano, K. and Yamamoto, M. (2021) Potential Power of the Pyramidal Structure IV: Discovery of Entanglement Due to Pyramid Effects . *Natural Science*, **13**, 258-272.

<https://doi.org/10.4236/ns.2021.137022> (第 10 論文)

[14] 原著

[14] 日本語訳

[15] Takagi, O., Sakamoto, M., Kawano, K. and Yamamoto, M. (2021) Potential Power of the Pyramidal Structure V: Seasonal Changes in the Periodicity of Diurnal Variation of Biosensors Caused by Entanglement Due to Pyramid Effects. *Natural Science*, **13**, 523-536.

<https://doi.org/10.4236/ns.2021.1312046> (第 11 論文)

[15] 原著

[15] 日本語訳

[16] Takagi, O., Sakamoto, M., Kawano, K. and Yamamoto, M. (2022) Potential Power of the Pyramidal Structure VI: Pyramid Effects due to Potential Power and Pyramid Effects due to Bio-Entanglement. *Natural Science*, **14**, 251-263.

<https://doi.org/10.4236/ns.2022.146025> (第 12 論文)

[16] 原著

[16] 日本語訳

[17] Takagi, O., Sakamoto, M., Kawano, K. and Yamamoto, M. (2022) Seasonal Changes in the Circadian Rhythm of Gas Released from Harvested Cucumbers. *Natural Science*, **14**, 503-516.

<https://doi.org/10.4236/ns.2022.1411045> (第 13 論文)

[17] 原著

[17] 日本語訳

[18] Takagi, O., Sakamoto, M., Kawano, K. and Yamamoto, M. (2023) Potential Power of the Pyramidal Structure VII: Effects of Pyramid Power and Bio-Entanglement on the Circadian Rhythm of Biosensors. *Natural Science*, **15**, 19-38.

<https://doi.org/10.4236/ns.2023.151003> (第 14 論文)

[18] 原著

[18] 日本語訳

[19] Takagi, O., Sakamoto, M., Kawano, K. and Yamamoto, M. (2023) Potential Power of the Pyramidal Structure VIII: Exploration of Periodic Diurnal Oscillation of Pyramid Power and Bio-Entanglement. *Natural Science*, **15**, 179-189.

<https://doi.org/10.4236/ns.2023.154013> (第 15 論文)

[19] 原著

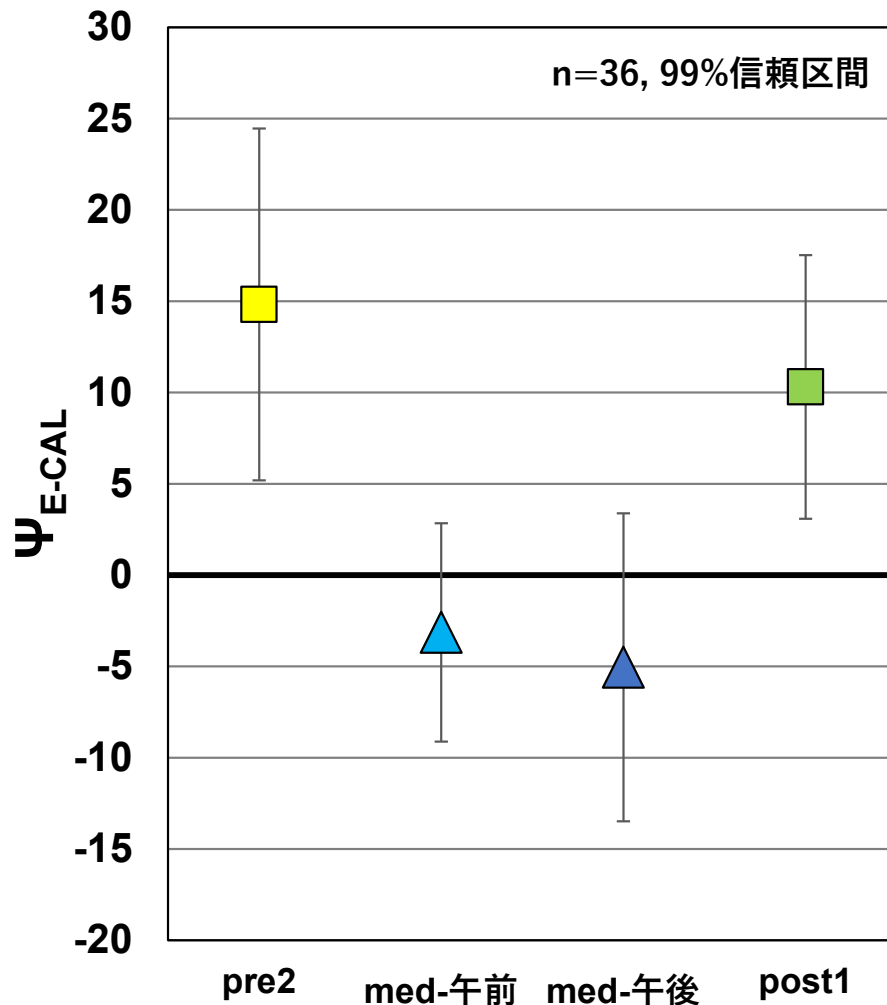
[19] 日本語訳

論文内容 要点

“Meditator’s non-contact effect on cucumbers”

「瞑想者のキュウリへの非接触効果」

International Journal of Physical Sciences 8(15),647-651 (2013) 掲載



1. 食用キュウリ切片をバイオセンサとして使用、バイオセンサを設置する時間は30分間

2. ピラミッド型構造物(PS)の中に被験者入る前(pre2)、PS内で瞑想中(med)、瞑想後PSから被験者が出た後(post1)の比較で、バイオセンサから発生したガス濃度に、大きな差(約20%)が検出された

3. PS内に被験者が居る場合と居ない場合を比較した場合、実験結果が偶然に発生する確率は、100億分の1程度

4. PS内で瞑想した被験者がバイオセンサに影響を与えているという現象の存在を実証した

Full Length Research Paper

Meditator's non-contact effect on cucumbers

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Accepted 12 April, 2013|

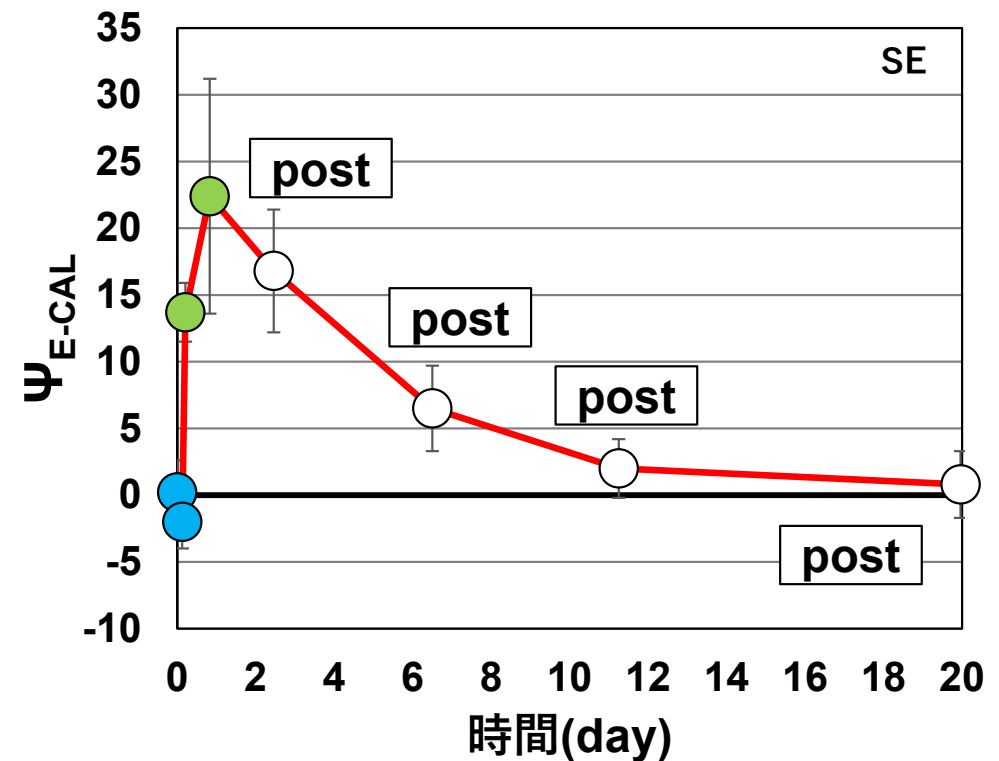
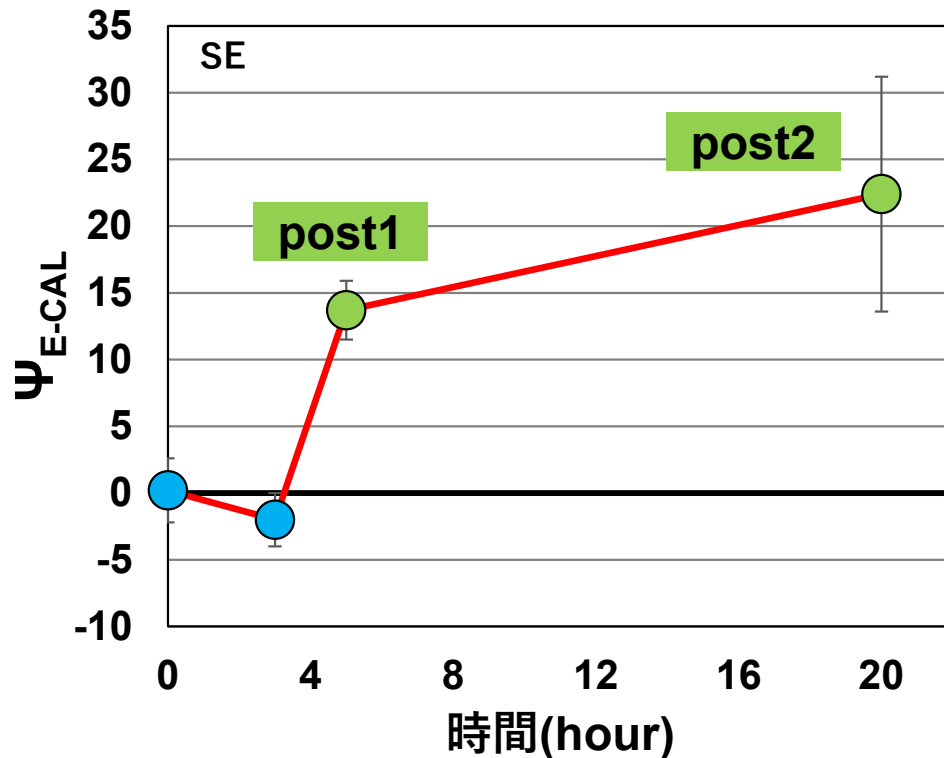
We clearly show the existence of an example of non-contact effect in which the “presence” of a meditator affects bio-samples without physical contact. This is the first report in the world to show this type of effect by scientific measurements. We used edible cucumber slices as bio-sensors and measured the concentrations of gas emitted from the slices by a technique developed by our group. The concentrations of gas emitted from cucumber slices were measured for a total of 672 sample petri dishes; each dish contained four cucumber slices so that a statistically meaningful comparison could be made. We found a statistically significant difference ($p=3.13 \times 10^{-10}$, t-test, two-tails) in the concentrations of emitted gas between the “presence” and the “absence” of the meditator. Our experimental results clearly indicated that there was a scientifically measurable effect on biological objects with which the meditator had no direct physical contact.

Key words: Non-contact effect, meditator, bio-sensor, cucumber, gas.

“Discovery of an Anomalous Non-contact Effect with a Pyramidal Structure”

「ピラミッド型構造物が関与した特異な非接触効果の発見」

International Journal of Sciences 4(5),42-51 (2015) 掲載



1. 瞑想後(post1, post2, post)に、遅延をともなったピラミッド効果を検出 (med, post1 : $p=3.5 \times 10^{-6}$) ピラミッド効果を、瞑想後十数日間検出した
2. **ピラミッド型構造物(PS)が、エネルギー変換装置であると結論した**

International Journal of Sciences

Research Article

Volume 4 - May 2015 (05)

Discovery of an Anomalous Non-contact Effect with a Pyramidal Structure

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²Aquavision Academy, 1228-3 Tsubuura, Narita, Chiba 287-0236, Japan

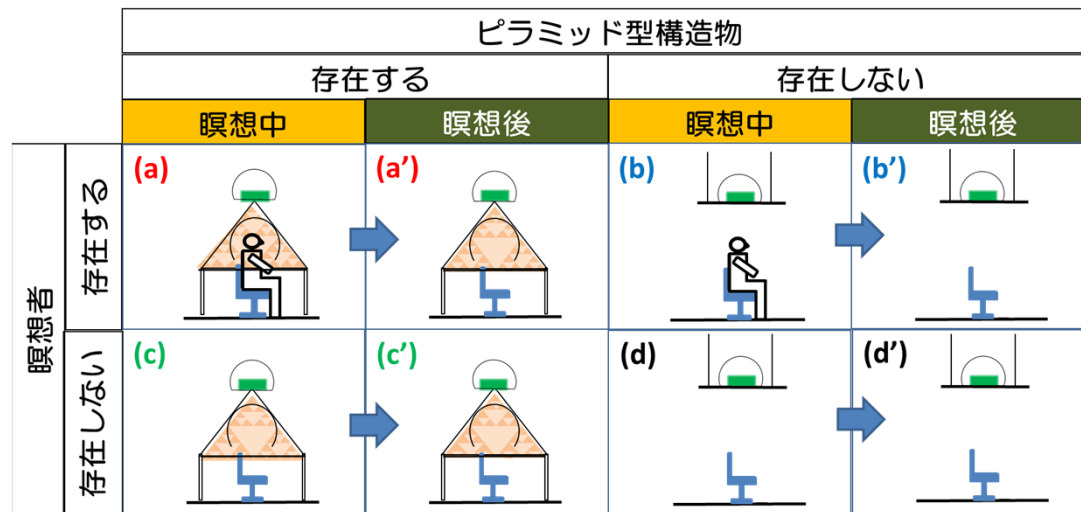
Abstract: In 2013, we reported the existence of a meditator's non-contact effect toward edible cucumber slices used as bio-sensors with which the meditator had no direct physical contact. In the present paper, we investigated the long-term change of this anomalous non-contact effect. We discovered that the effect is associated with a pyramidal structure. We also discovered with extremely high reliability a new phenomenon an "anomalous non-contact effect with a delay associated with a pyramidal structure" in which the meditator's non-contact action creates a delayed effect over an extended period of time (10 or more days) after the non-contact action took place. We were able to approximate this anomalous non-contact effect with the delay by a mathematical formula describing a transient response phenomenon of the second order lag element system.

Keywords: Meditator, Non-Contact Effect, Bio-Sensor, Cucumber, Pyramidal Structure, Delayed Effect

“An Unknown Force Awakened by A Pyramidal Structure”

「ピラミッド型構造物による未知なるフォースの発現」

International Journal of Sciences 5(6),45-56 (2016) 掲載



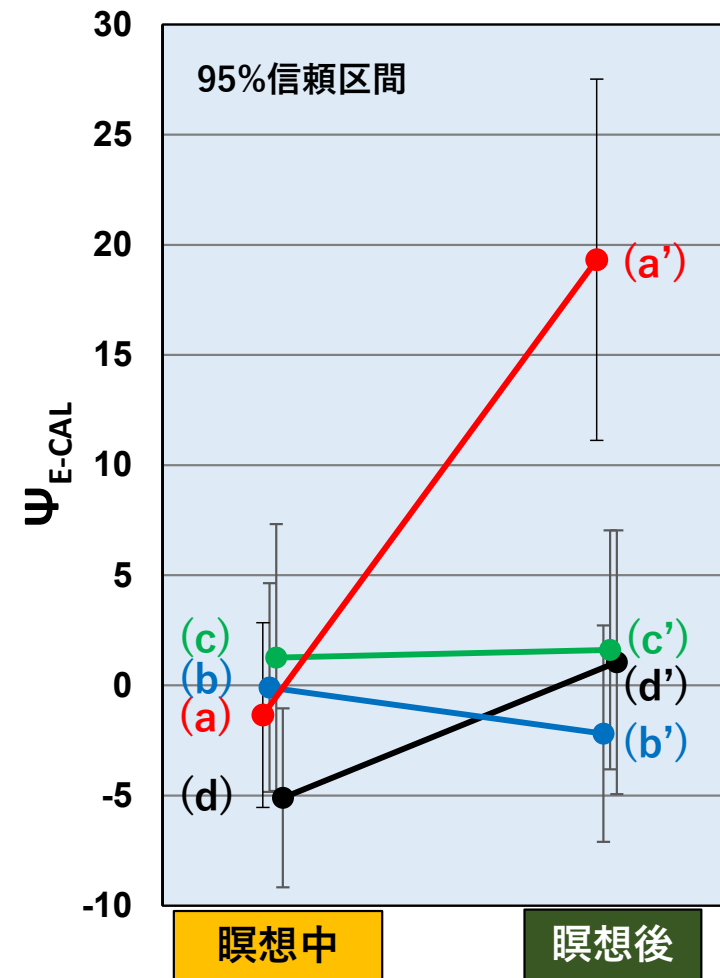
ピラミッド効果の発生要件の特定

ピラミッド構造物(PS)はエネルギー変換装置

PS内部に被験者が入り瞑想した場合
被験者が発したフォースタイプIIのエネルギーを蓄積

蓄積したエネルギーを別のエネルギーに変換

変換されたエネルギーがバイオセンサに影響



International Journal of Sciences

Research Article

Volume 5 – June 2016 (06)

An Unknown Force Awakened by A Pyramidal Structure

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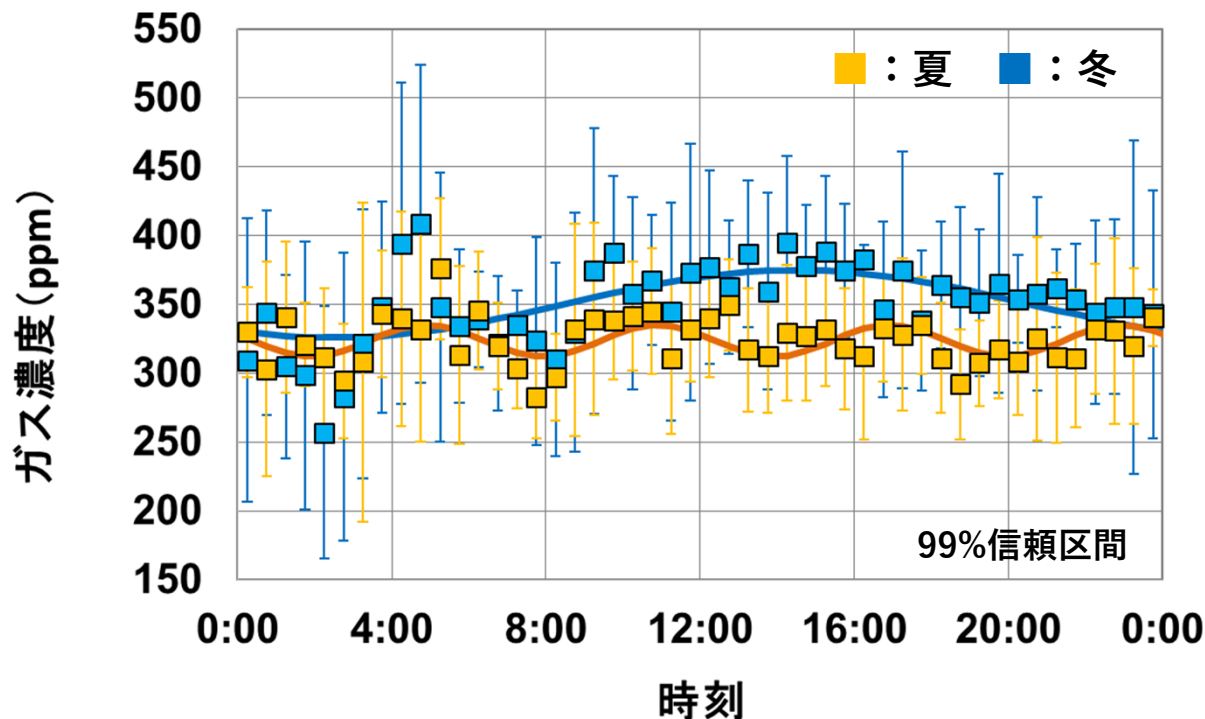
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Abstract: We have been studying a non-contact effect by a meditator in a pyramidal structure on bio-sensors which are placed some distance from the meditator. So far we have demonstrated a meditator's non-contact effect with very high statistical accuracy and also discovered that the non-contact effect has a time dependence. However, the details of the experimental results were completely opposite our expectations. Namely, to our surprise, the non-contact effect was detected when the meditator was not in the pyramidal structure, and it was not detected when the meditator was in the pyramidal structure. In this paper, we conducted a verification experiment to clarify the factors that led to the unexpected experimental results; in particular, we wanted to identify the necessary conditions for the non-contact effect to come into play. The verification experiment consisted of four patterns in which the presence/absence of the meditator and the presence/absence of the pyramidal structure are the differences in the experimental conditions. Before the verification experiment, we evaluated eight possible results which were expected from the four patterns. From the results of the verification experiment, we verified that the non-contact effect on bio-sensors was undetectable in the meditation period, regardless of the presence or absence of the meditator and the pyramidal structure. Furthermore, we showed that the condition in which the meditator is in the pyramidal structure during the meditation period is the only condition for the non-contact effect to be detected after the meditation period. The results of the verification experiment further solidified the hypothesis that had been proposed in our previous paper about the origin of the non-contact effect, i.e., how it comes into play. The hypothesis is as follows: The meditator exerts a peculiar influence on the environment around him, which does not have a direct effect on the bio-sensors. However, this peculiar influence is transformed by the pyramidal structure, which then has an effect on the bio-sensors.

“Discovery of Seasonal Dependence of Bio-Reaction Rhythm with Cucumbers ”

「キュウリの季節に依存した生体反応リズムの発見」

International Journal of Science and Research Methodology 9(1),163-175 (2018) 掲載



キュウリの切断面から**放出されるガス濃度に周期性**があることを明らかにした

結論

放出されるガス濃度

夏期は1周期が6時間

冬期は1周期が24時間

の周期性(日内変動)があることを発見した



Human Journals

Research Article

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Discovery of a Seasonal Dependence for a Bio-Reaction Rhythm in Cucumbers



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Yamamoto¹

Keywords: Bio-reaction, Rhythm, Cucumber, Circadian
Variation, Gas, Bio-sensor

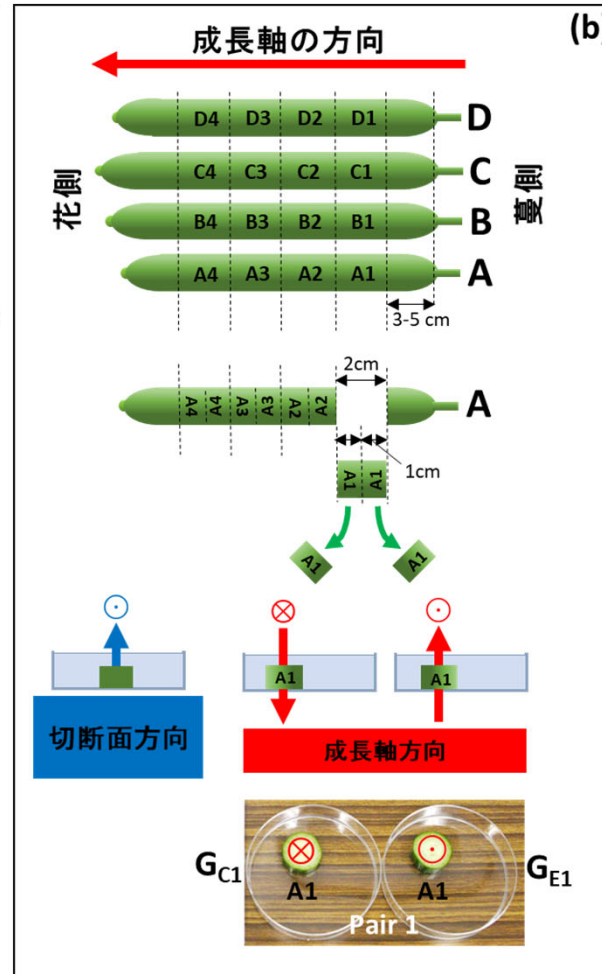
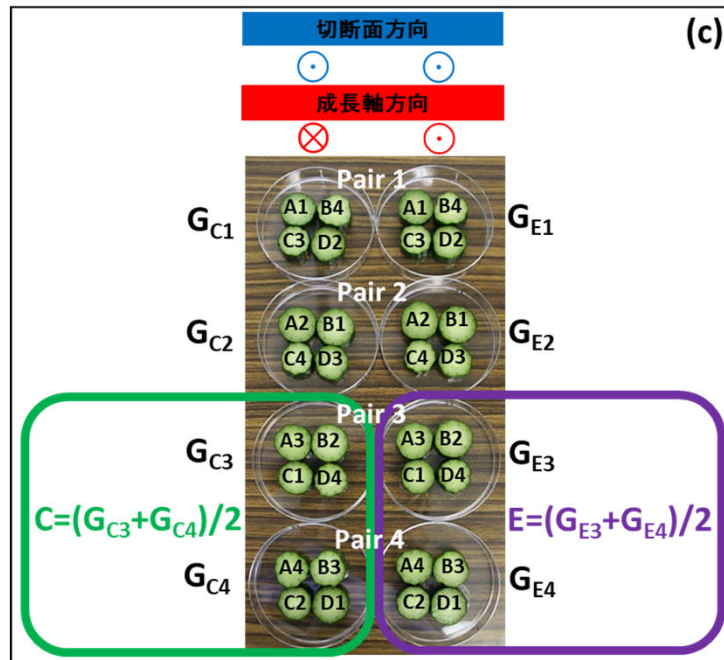
ABSTRACT

This paper investigated the bio-reaction rhythm in harvested cucumbers. To do this, we measured the concentrations of gas released from cut cucumber samples. We hypothesized that if

“Relationship between Gas Concentration Emitted from Cucumber Cross Section and Growth Axis”

「キュウリ切断面から放出されるガス濃度と成長軸の関係」

International Journal of Science and Research Methodology 9(2),153-167 (2018) 掲載

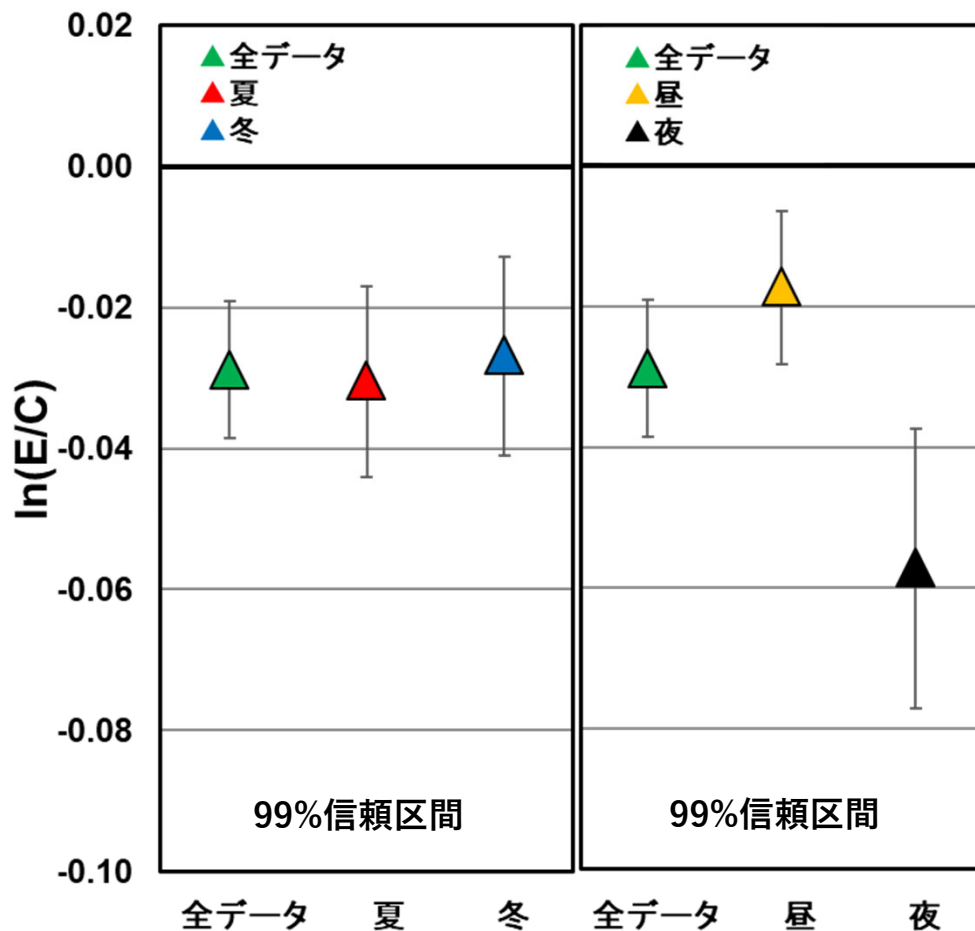


キュウリ切片の切断面の方向の違いによるガス放出の特徴

切断面の方向(成長軸に対して同方向か逆方向)の違いによるガス放出の違いを検証

E:切断面の方向が成長軸と同方向

C:切断面の方向が成長軸と逆方向



結論1

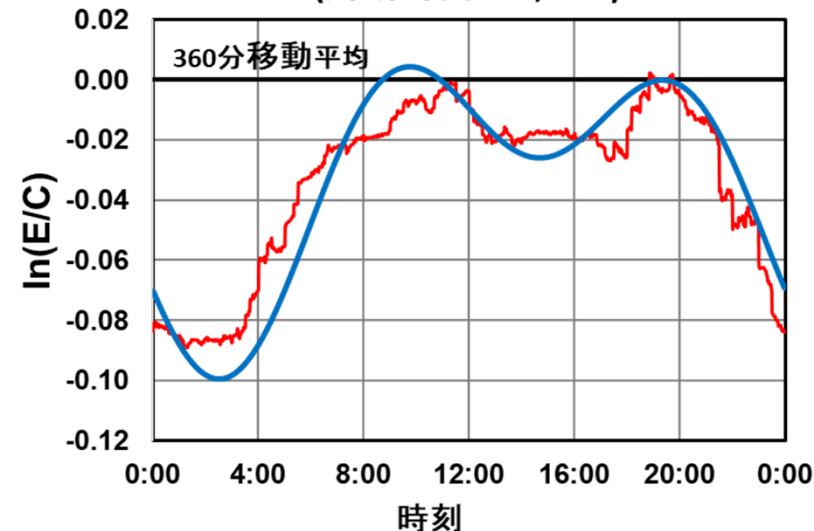
$E < C$ となることを実証した

結論2

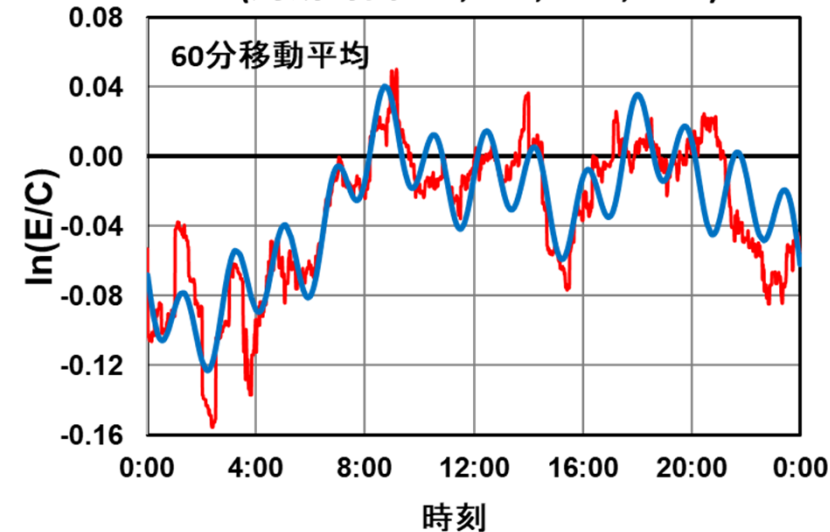
$\ln(E/C)$ の値が昼と夜とで有意差があることを発見

($p = 1.5 \times 10^{-6}$; 昼 $n = 1292$ 夜 $n = 525$)

24時間あたりの周期数 $N=1,2$
(周期時間24h, 12h)



24時間あたりの周期数 $N=1,2,5,13$
(周期時間24h, 12h, 4.8h, 1.8h)



結論3

$\ln(E/C)$ が概日リズム(1周期が24h)や複数の日内変動(1周期が12h, 4.8h, 1.8h)の合成した波形で振動していることを発見



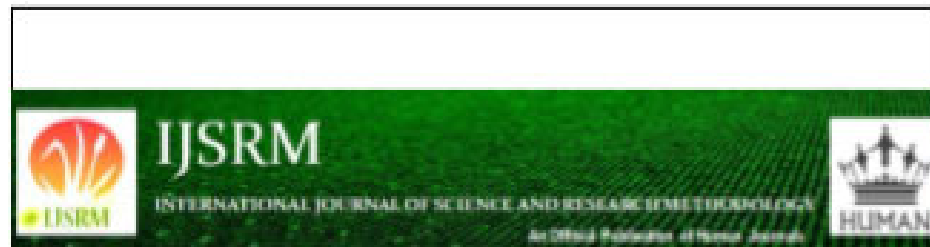
Human Journals

Research Article

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Relationship between Gas Concentration Emitted from Cut Cucumber Cross Sections and Growth Axis



Osamu Takagi^{*}, Masamichi Sakamoto², Hideo
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Yamamoto¹

Keywords: Cucumber, Gas, Circadian Rhythm, Biosensor,
Growth axis, Cross section, Bio-reaction

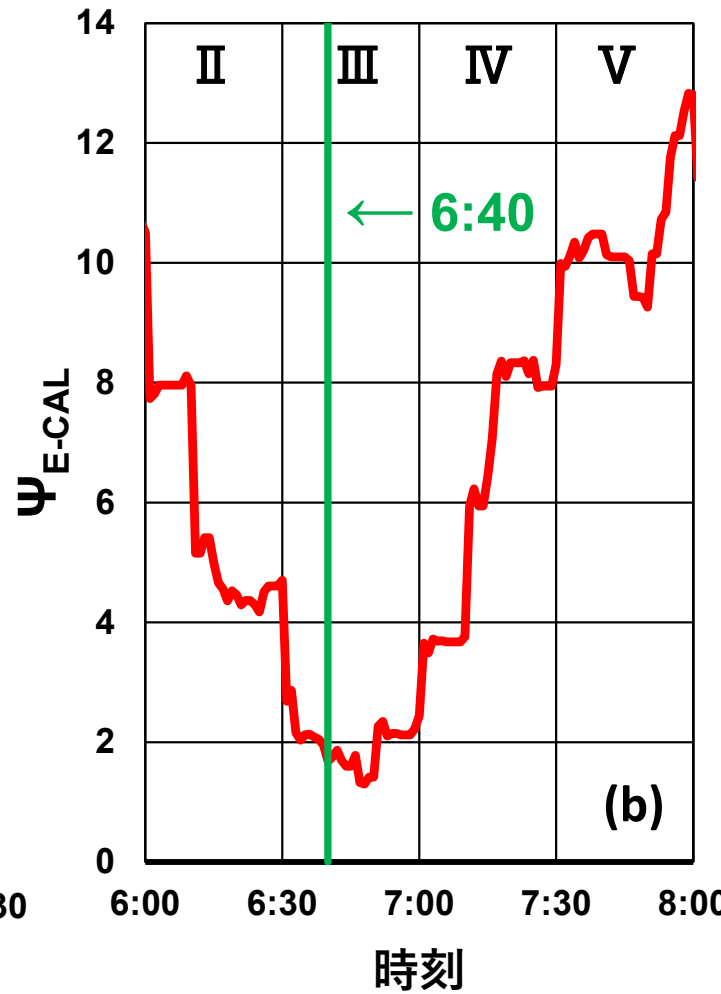
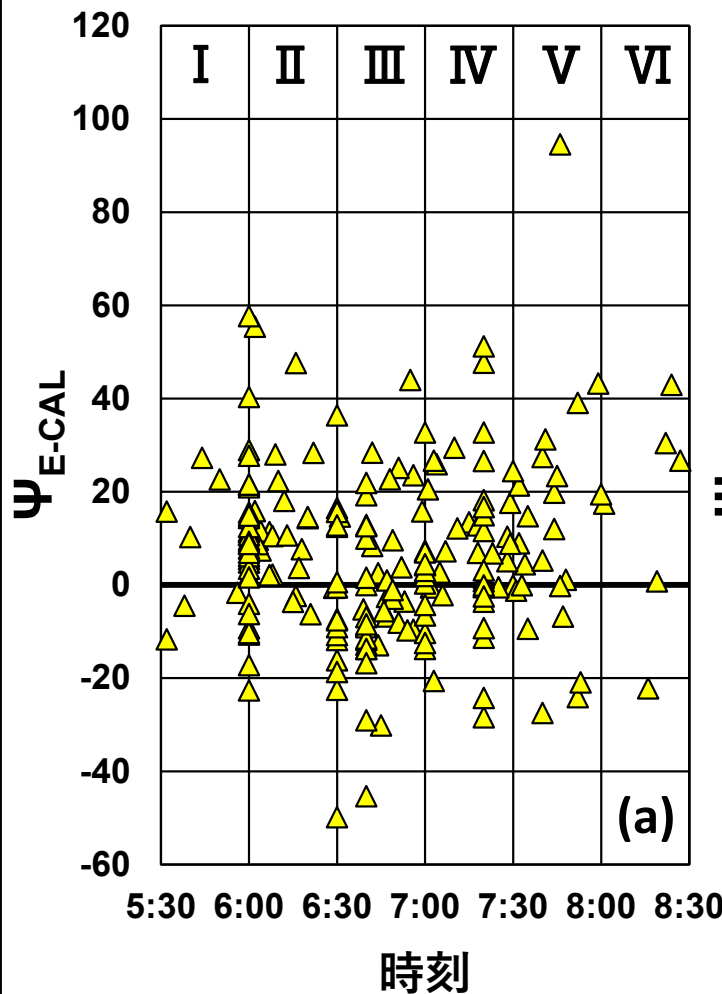
ABSTRACT

Vegetables and fruits show bio-reactions to various stimuli. As an example, it is known that by stimulating plants, gas is emitted due to communication between the stimulated plant part and its defense reaction. In this paper, we studied the gas

“Discovery of an Unexplained Long-distance Effect Caused by the Association between a Pyramidal Structure and Human Unconsciousness”

「ピラミッド型構造物と人間の無意識との関連による未知なる遠隔作用の発見」

Journal of International Society of Life Information Science 37(1),4-16 (2019) 掲載



未知なる遠隔作用（フォースタイプI）を、被験者がPSの内部に入る前（被験者は6 km以上離れた自宅に居た）に検出した

(a) Ψ_{E-CAL} の分布 (n=213)
 (b) Ψ_{E-CAL} の時間平均(60分窓)

6:40は被験者の平均起床時刻

結論

6 km以上離れた人間の無意識をPSが捉え、バイオセンサに影響を与えるピラミッド効果を明らかにした



Original Research Paper

Discovery of an Unexplained Long-distance Effect Caused by the Association between a Pyramidal Structure and Human Unconsciousness

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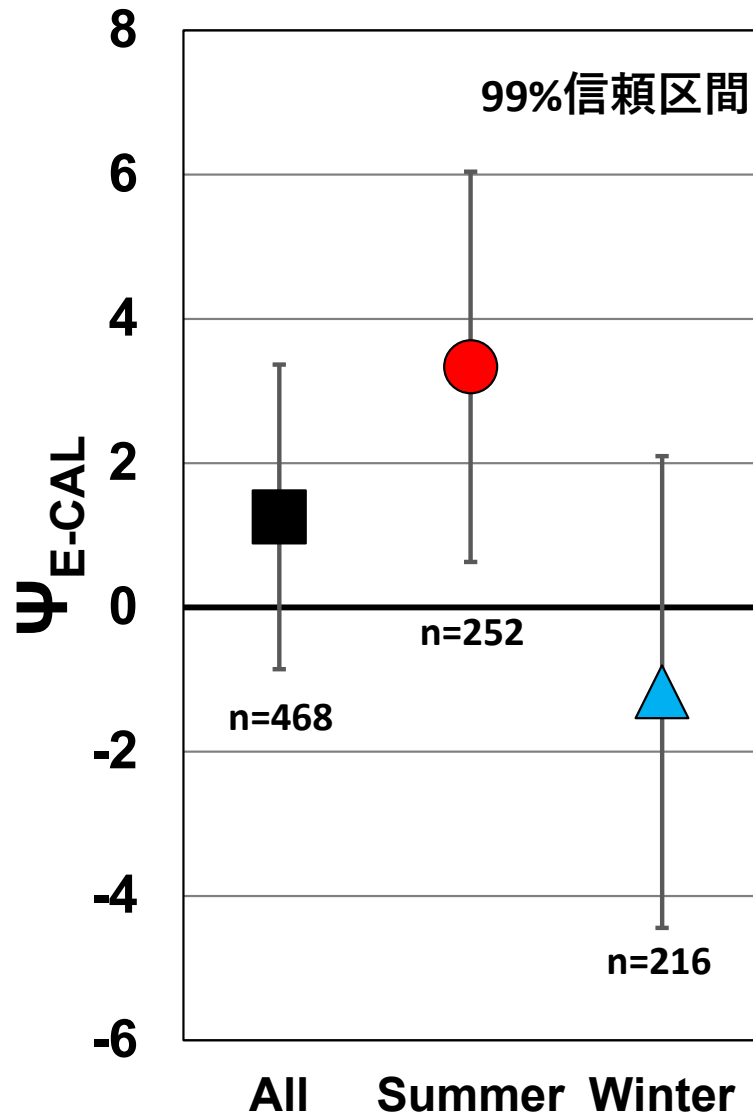
Abstract: Since April 2009 we have been conducting research on non-contact effects associated with a pyramidal structure (PS). In our previous studies, a person entered and meditated inside the PS. Then, we detected the effects the person had on biosensors (cucumber fruit sections) placed at the PS apex. We have obtained the following results. (1) The non-contact effect on the biosensors was detected with high statistical accuracy ($p = 3.1 \times 10^{-10}$; Welch's t-test, two-tails, the following p values are also the Welch's t-test values.). (2) The delayed anomalous non-contact effect associated with the PS was discovered ($p = 3.5 \times 10^{-6}$). (3) After meditation, the conditions for detecting the non-contact effect were specified ($p = 2.2 \times 10^{-4}$). In the present paper, our purpose was to clarify the existence of an unexplained long-distance effect for the biosensors placed at the PS apex several hours before a person entered the PS and to elucidate the effect characteristics. The following five points were clarified in the experiments. (1) Several hours before the person entered the PS and meditated, the unexplained long-distance effect on the biosensors was detected with high statistical accuracy ($p = 1.1 \times 10^{-3}$). (2) The unexplained long-distance effect was detected only in the biosensors placed at the PS apex and was not detected in the biosensors placed at the calibration control point ($p = 2.8 \times 10^{-5}$). (3) Several hours before the person meditated at another place not inside the PS, the unexplained long-distance effect on the biosensors was not detected ($p = 4.1 \times 10^{-2}$). (4) The unexplained long-distance effect seemed to have a different nature from the non-contact effect seen after the person exited the PS. (5) The unexplained long-distance effect could clearly be detected both before awakening (the sleep state) and after awakening (the awake state), but in the middle, at the time the person was waking up, the unexplained long-distance effect showed the minimum value ($p = 3.7 \times 10^{-3}$). In conclusion, we discovered the time change of the unexplained long-distance effect. That is, during the transition from the sleep state to the awake state, it showed a minimum value of zero at the time the person awakened and showed a downward convex quadratic function change.

Keywords: pyramid, human, meditation, consciousness, unconsciousness, nonlocal effect, biosensor, cucumber, gas

“Potential Power of the Pyramidal Structure”

「ピラミッド型建造物の潜在力」

Natural Science 11(8), 257-266 (2019) 掲載



PSの潜在力によるバイオセンサに対するピラミッド効果を発見した

実験条件 (PSに対する被験者の影響を除外)

(1)PS内部に人間(被検者)が入っていない状態で実験を行った

(2)20日間以上PS内部に人間が入っていない状態で実験を行った

(3)実験後は、少なくとも48時間はPS内部に人間が入っていない状態を保った

結果

夏データで、PSの潜在力の存在を1%有意で実証した。

夏期データと冬期データ($p=6.0 \times 10^{-3}$)

結論

PSの潜在力(バイオセンサに影響を与える「ピラミッドパワー」)が存在していることを実験によって明らかにした

<http://www.scirp.org/journal/ns>

Natural Science, 2019, Vol. 11, (No. 8), pp: 257-266

Potential Power of the Pyramidal Structure

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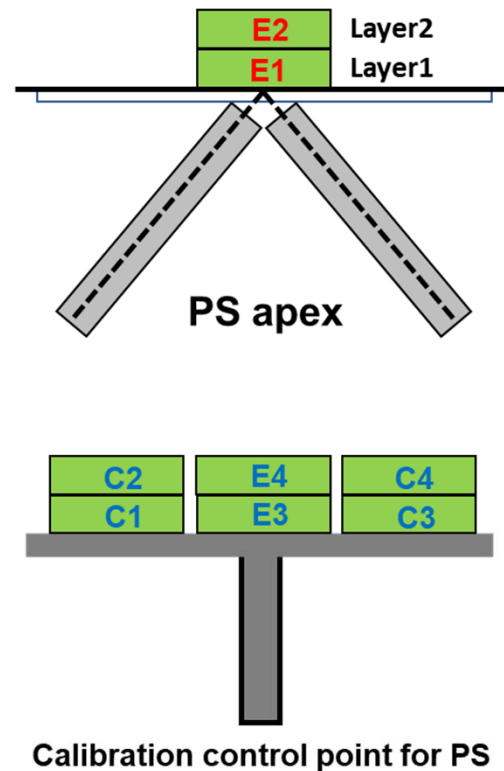
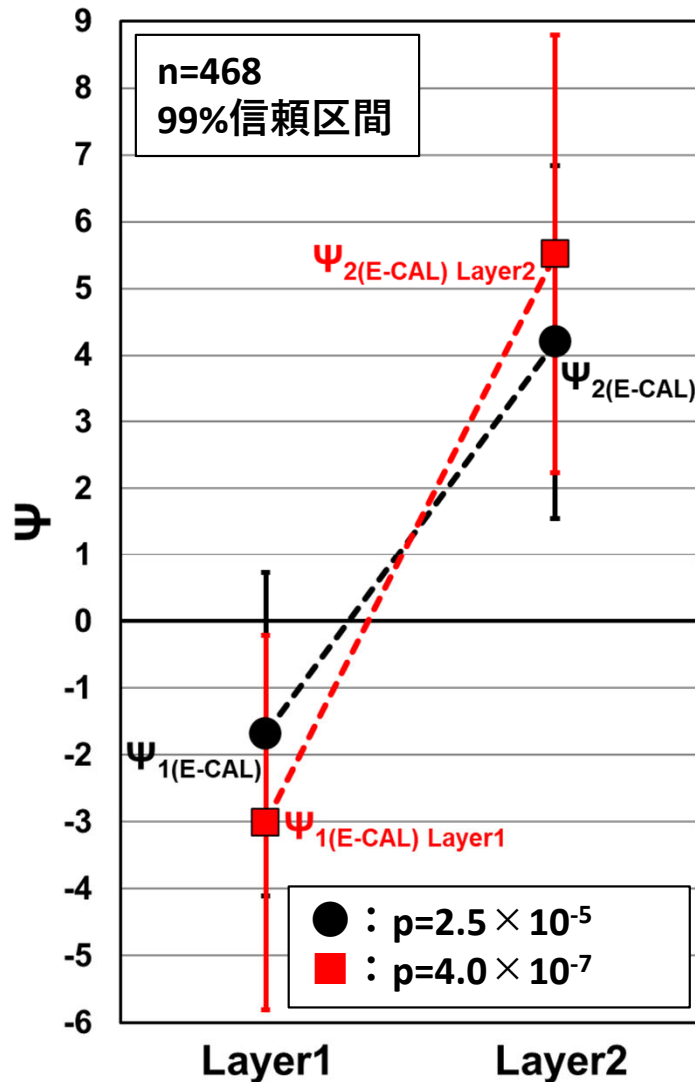


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“Potential Power of the Pyramidal Structure II”

「ピラミッド型構造物の潜在力 II」

Natural Science 12(5), 248-272 (2020) 掲載



PSの潜在力の特性

PS頂点に置かれた、上段と下段のバイオセンサに対するピラミッド効果の違いを解析

2段に重ねた上下の違いを校正可能とした $\Psi_{(E-CAL) \text{ Layer}}$ を導入

$$\Psi_{1(E-CAL) \text{ Layer1}} = \Psi_{1(E-CAL)} - \Psi_{3(C-CAL)} = \Psi_1 - \Psi_3$$

$$\Psi_{2(E-CAL) \text{ Layer2}} = \Psi_{2(E-CAL)} - \Psi_{4(C-CAL)} = \Psi_2 - \Psi_4$$

結論

下段(PSから近い方)よりも上段(PSから遠い方)のバイオセンサに対するピラミッド効果が大きいという驚くべき結果を得た

<https://www.scirp.org/journal/ns>

Natural Science, 2020, Vol. 12, (No. 5), pp: 248-272

Potential Power of the Pyramidal Structure II

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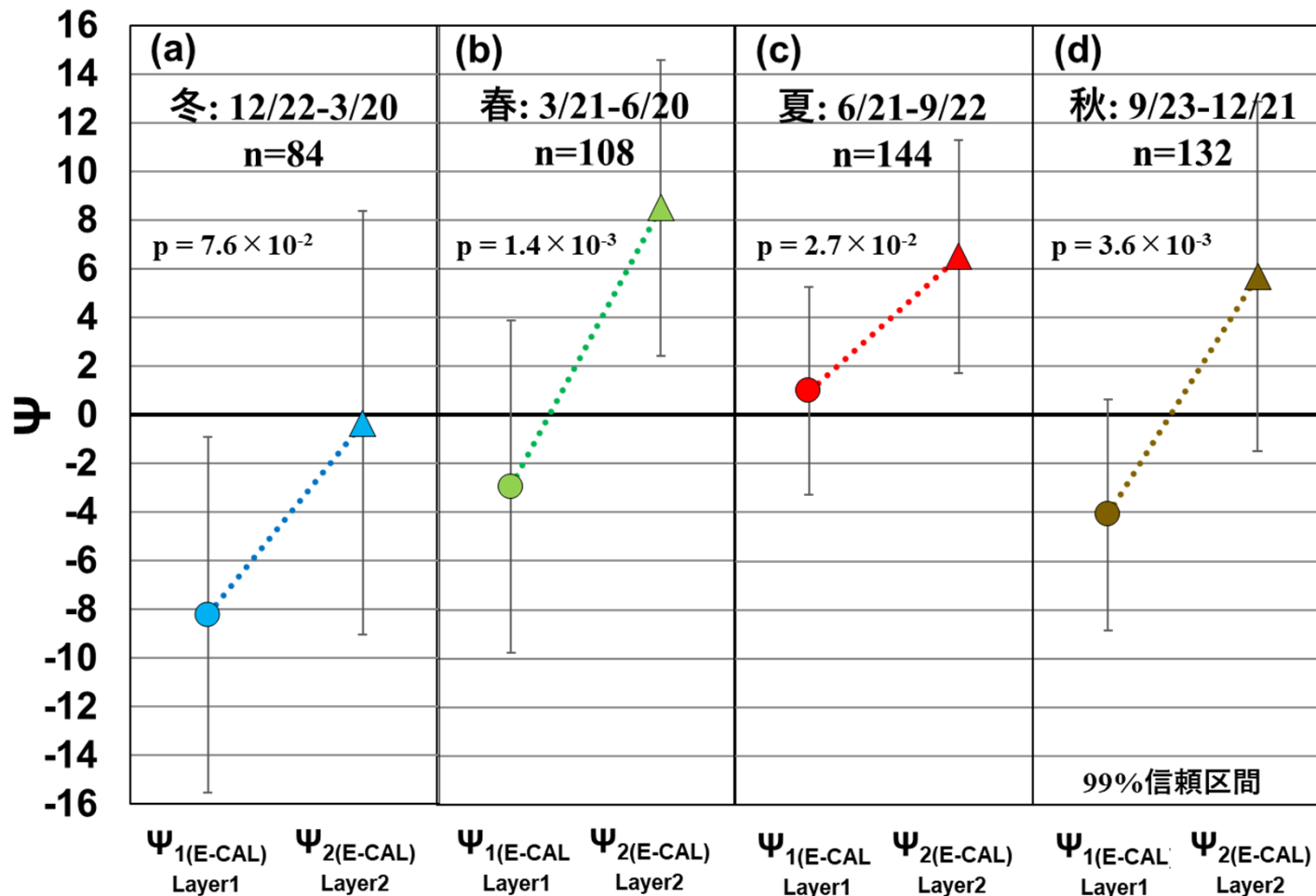


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“Potential Power of the Pyramidal Structure III: Discovery of Pyramid Effects with and without Seasonal Variation”

「ピラミッド型建造物の潜在力 III: 季節変動をするピラミッド効果と季節変動をしないピラミッド効果の発見」

Natural Science 12(12), 743-753 (2020) 掲載



① 季節変動を伴わないピラミッド効果が存在する；下段と上段に対するピラミッド効果が、季節に関係なく年間を通して異なる。

$$\Psi_{1(E-CAL)Layer1} < \Psi_{2(E-CAL)Layer2}$$

② 季節変動を伴うピラミッド効果が存在する；下段と上段に対するピラミッド効果が異なった状態

$$\Psi_{1(E-CAL)Layer1} < \Psi_{2(E-CAL)Layer2}$$

を保ったまま、季節の変化に伴ってサイ指数の値が変化することが明らかとなった。

<https://www.scirp.org/journal/ns>

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Potential Power of the Pyramidal Structure III: Discovery of Pyramid Effects with and without Seasonal Variation

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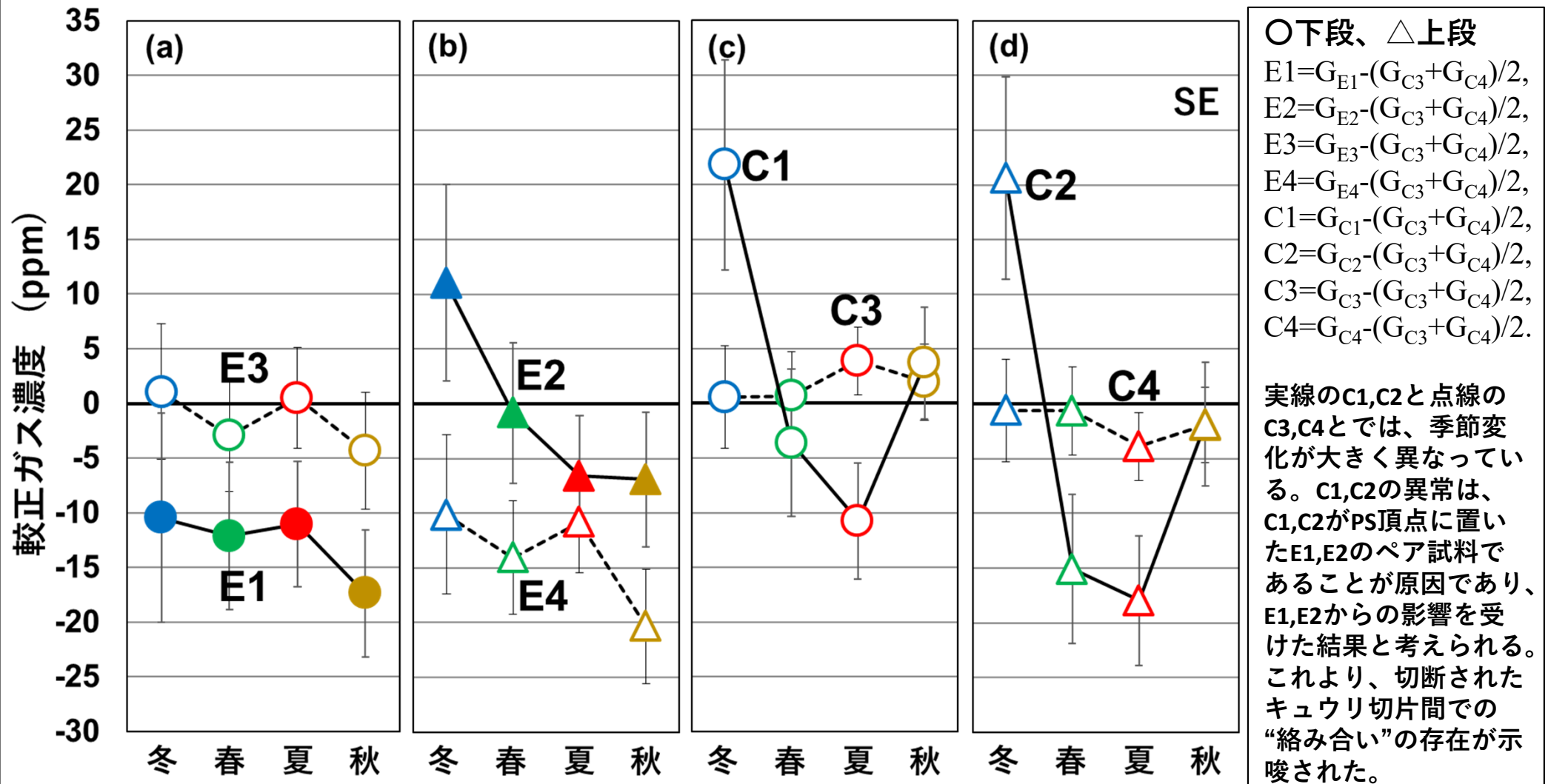


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“Potential Power of the Pyramidal Structure IV: Discovery of Entanglement Due to Pyramid Effects”

「ピラミッド型建造物の潜在力 IV:ピラミッド効果による絡み合いの発見」

Natural Science 13(7), 258-272 (2021) 掲載



<https://www.scirp.org/journal/ns>

Natural Science, 2021, Vol. 13, (No. 7), pp: 258-272

Potential Power of the Pyramidal Structure IV: Discovery of Entanglement Due to Pyramid Effects

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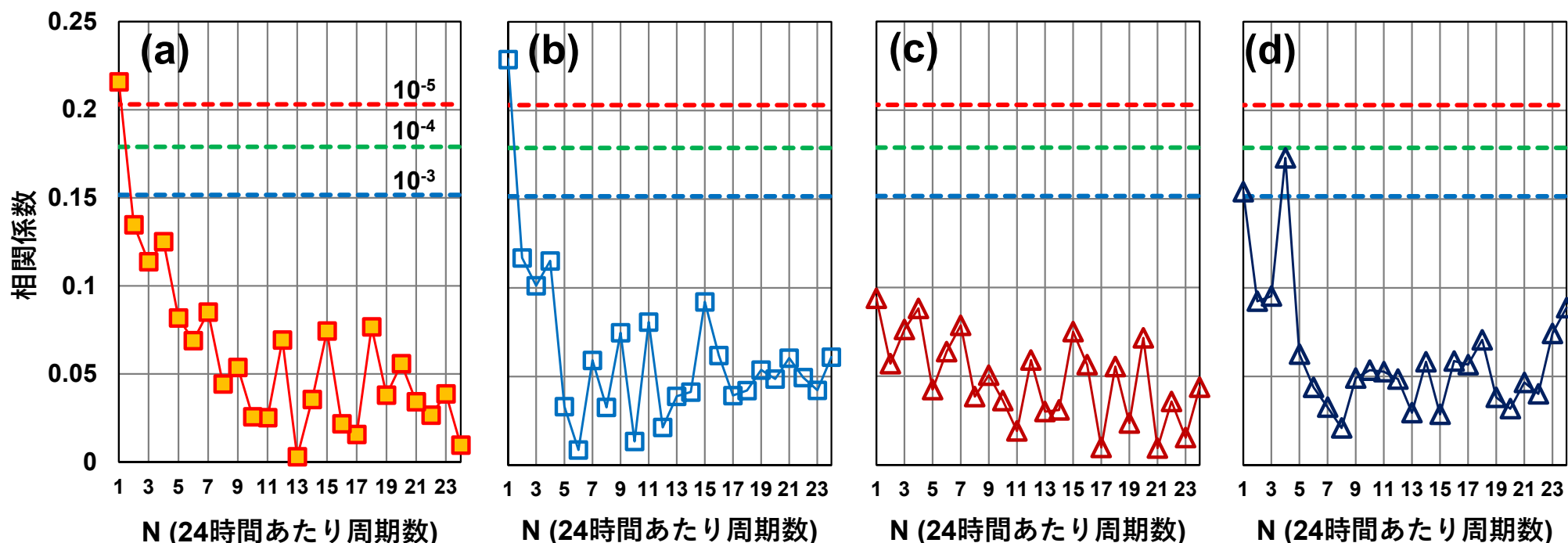


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“Potential Power of the Pyramidal Structure V: Seasonal Changes in the Periodicity of Diurnal Variation of Biosensors Caused by Entanglement Due to Pyramid Effects”

「ピラミッド型構造物の潜在力 V: ピラミッド効果による絡み合いによって引き起こされるバイオセンサの日内変動の周期性の季節変化」

Natural Science **13**(12), 523-536 (2021) 掲載

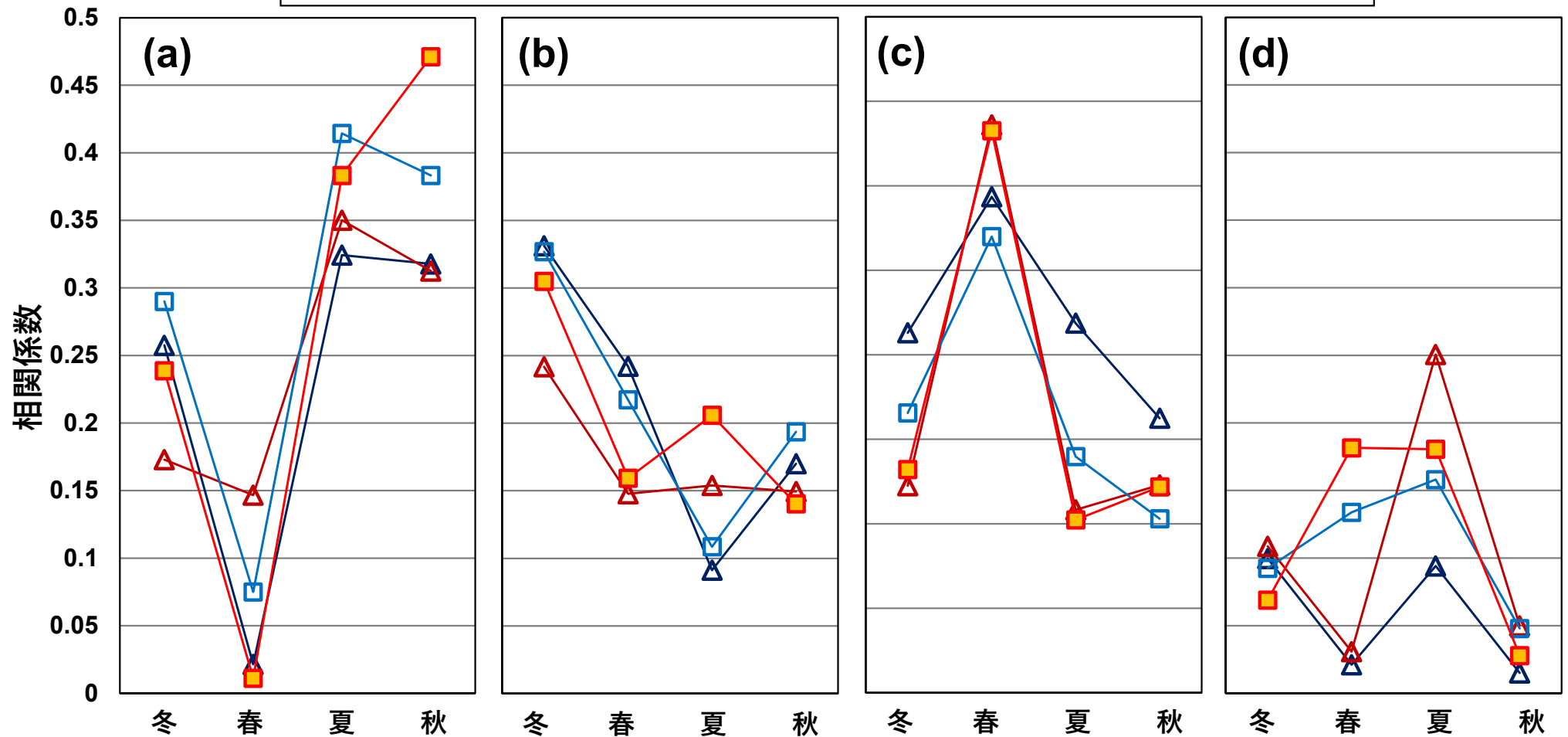


ガス濃度と周期近似曲線との相関係数

(a): $(G_{E1}+G_{E2})/2$, (b): $(G_{E3}+G_{E4})/2$, (c): $(G_{C1}+G_{C2})/2$, (d): $(G_{C3}+G_{C4})/2$.

図(c)の $(G_{C1}+G_{C2})/2$ だけが他とは異なる変化を示している。原因： $(G_{C1}+G_{C2})/2$ がPSの潜在力の影響を受けた $(G_{E1}+G_{E2})/2$ のペア試料のためと考えている。第10論文で、 $(G_{E1}+G_{E2})/2$ と $(G_{C1}+G_{C2})/2$ の間の絡み合いを発見した。その絡み合いが、ガス濃度の日内変動の周期性に影響を及ぼしたと結論した。

破線は相関係数の有意性の度合い(n=468), 破線赤:0.203, p=10⁻⁵, 破線緑:0.178, p=10⁻⁴, 破線青:0.152, p=10⁻³.



ガス濃度と周期近似曲線との相関係数の季節変化

(a): N=1, (b): N=3, (c): N=4, (d): N=15.

N=1の時：(i)冬に $(G_{C1}+G_{C2})/2$ のみ相関係数が0.2以下。(ii)春で $(G_{C1}+G_{C2})/2$ の相関係数が一番大きい。
 N=3の時：春から秋にかけて $(G_{E3}+G_{E4})/2$ と $(G_{C3}+G_{C4})/2$ の相関係数は凹変化、 $(G_{E1}+G_{E2})/2$ と $(G_{C1}+G_{C2})/2$ は凸変化。だが、 $(G_{C1}+G_{C2})/2$ の凸変化は小さい。
 N=4の時： $(G_{E1}+G_{E2})/2$ と $(G_{C1}+G_{C2})/2$ はほぼ等しい変化を示し、 $(G_{C1}+G_{C2})/2$ の特異性は見られない。
 N=15の時：夏に $(G_{C1}+G_{C2})/2$ のみが相関係数が0.2以上。

ピラミッド効果はガス濃度の平均値からは検出できなかったが、 $(G_{E1}+G_{E2})/2$ と $(G_{E3}+G_{E4})/2$ の違いを解析することによって、 $(G_{E1}+G_{E2})/2$ への直接的なピラミッド効果の検出が可能となった。

<https://www.scirp.org/journal/ns>

Natural Science, 2021, Vol. 13, (No. 12), pp: 523-536

Potential Power of the Pyramidal Structure V: Seasonal Changes in the Periodicity of Diurnal Variation of Biosensors Caused by Entanglement Due to Pyramid Effects

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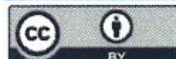
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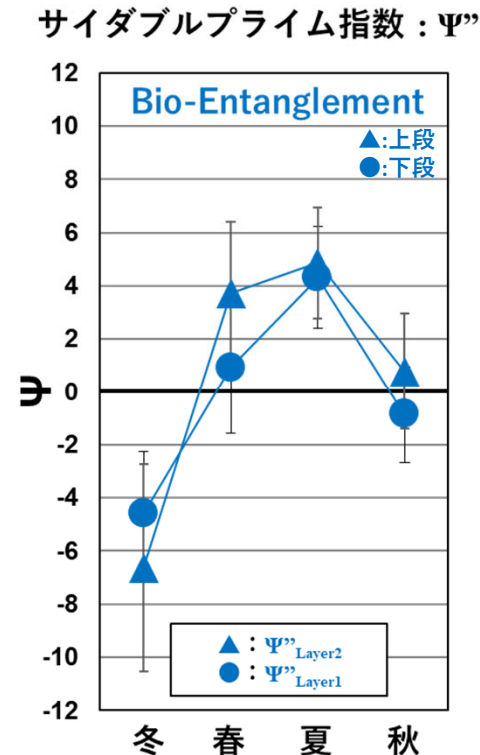
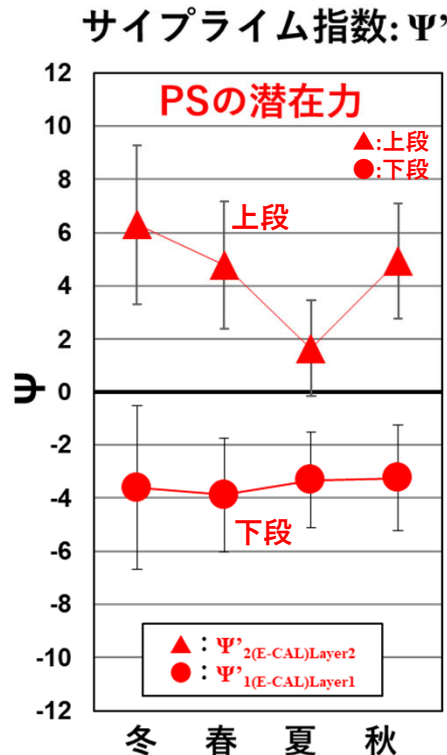
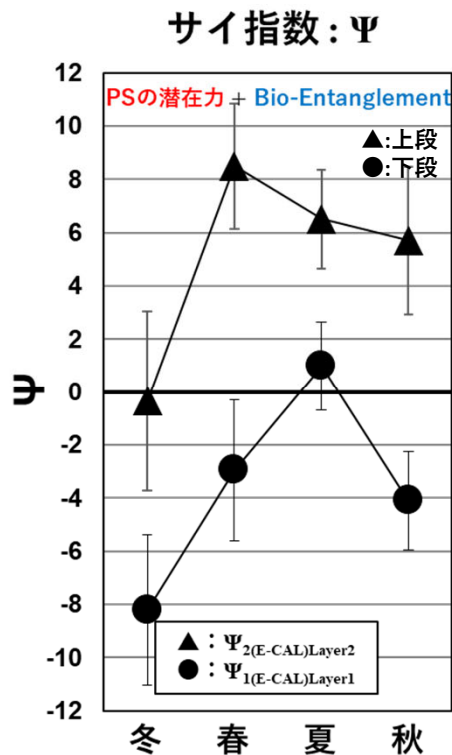
“Potential Power of the Pyramidal Structure VI: Pyramid Effects due to Potential Power and Pyramid Effects due to Bio-Entanglement”

「ピラミッド型構造物の潜在力 VI: 潜在力によるピラミッド効果とバイオ-エンタングルメントによるピラミッド効果」

Natural Science 14(6), 251-263 (2022) 掲載

これまでピラミッドパワーの大きさの指標と考えていたサイ指数 Ψ

PSの潜在力(サイプライム指数 Ψ')の効果とBio-Entanglement(サイダブルプライム指数 Ψ'')の効果に分離



ピラミッド効果の大きさを表す指標であるサイ指数 Ψ の中には、PSの潜在力によるピラミッド効果と、バイオ-エンタングルメントによるピラミッド効果が混在していたことが判明。それぞれの効果を分離した結果、年間を通してピラミッド効果がLayer1 (下段)よりLayer2 (上段)の方が大きくなる要因は、主にPSの潜在力の影響であること、またピラミッド効果が季節変化をする要因は、主にBio-Entanglementの影響であることが明らかとなった。

サイ指数 Ψ , サイプライム指数 Ψ' , サイダブルプライム指数 Ψ'' の表式

サイ指数: Ψ

PSの潜在力+ バイオ-エンタングルメント
によるピラミッド効果

$$\begin{aligned} \Psi_1 &= 100 \ln(G_{E1}/G_{C1}), \\ \Psi_2 &= 100 \ln(G_{E2}/G_{C2}), \\ \Psi_3 &= 100 \ln(G_{E3}/G_{C3}), \\ \Psi_4 &= 100 \ln(G_{E4}/G_{C4}). \end{aligned} \quad (1)$$

$$\begin{aligned} \Psi_{1(E-CAL)} &= \Psi_1 - (\Psi_3 + \Psi_4)/2, \\ \Psi_{2(E-CAL)} &= \Psi_2 - (\Psi_3 + \Psi_4)/2, \\ \Psi_{3(E-CAL)} &= \Psi_3 - (\Psi_3 + \Psi_4)/2, \\ \Psi_{4(E-CAL)} &= \Psi_4 - (\Psi_3 + \Psi_4)/2. \end{aligned} \quad (2)$$

$$\Psi_{(E-CAL)} = (\Psi_{1(E-CAL)} + \Psi_{2(E-CAL)})/2. \quad (3)$$

$$\begin{aligned} \Psi_{1(E-CAL)Layer1} &= \Psi_{1(E-CAL)} - \Psi_{3(E-CAL)} \\ &= \Psi_1 - \Psi_3 = 100 \ln(G_{E1}G_{C3}/G_{E3}G_{C1}), \end{aligned} \quad (4)$$

$$\begin{aligned} \Psi_{2(E-CAL)Layer2} &= \Psi_{2(E-CAL)} - \Psi_{4(E-CAL)} \\ &= \Psi_2 - \Psi_4 = 100 \ln(G_{E2}G_{C4}/G_{E4}G_{C2}). \end{aligned} \quad (4)$$

$$\begin{aligned} \Psi_{(E-CAL)LayerAve} &= (\Psi_{1(E-CAL)Layer1} + \Psi_{2(E-CAL)Layer2})/2 \\ &= \Psi_{(E-CAL)}. \end{aligned} \quad (5)$$

サイプライム指数: Ψ'

PSの潜在力
によるピラミッド効果

$$\begin{aligned} \Psi'_1 &= 100 \ln(G_{E1}/G_{C3}), \\ \Psi'_2 &= 100 \ln(G_{E2}/G_{C4}), \\ \Psi'_3 &= \Psi_3 = 100 \ln(G_{E3}/G_{C3}), \\ \Psi'_4 &= \Psi_4 = 100 \ln(G_{E4}/G_{C4}). \end{aligned} \quad (6)$$

$$\begin{aligned} \Psi'_{1(E-CAL)} &= \Psi'_1 - (\Psi_3 + \Psi_4)/2, \\ \Psi'_{2(E-CAL)} &= \Psi'_2 - (\Psi_3 + \Psi_4)/2, \\ \Psi'_{3(E-CAL)} &= \Psi'_3 - (\Psi_3 + \Psi_4)/2, \\ \Psi'_{4(E-CAL)} &= \Psi'_4 - (\Psi_3 + \Psi_4)/2. \end{aligned} \quad (7)$$

$$\Psi'_{(E-CAL)} = (\Psi'_{1(E-CAL)} + \Psi'_{2(E-CAL)})/2. \quad (8)$$

$$\begin{aligned} \Psi'_{1(E-CAL)Layer1} &= \Psi'_{1(E-CAL)} - \Psi'_{3(E-CAL)} \\ &= \Psi'_1 - \Psi'_3 = 100 \ln(G_{E1}/G_{E3}), \end{aligned} \quad (9)$$

$$\begin{aligned} \Psi'_{2(E-CAL)Layer2} &= \Psi'_{2(E-CAL)} - \Psi'_{4(E-CAL)} \\ &= \Psi'_2 - \Psi'_4 = 100 \ln(G_{E2}/G_{E4}). \end{aligned} \quad (9)$$

$$\begin{aligned} \Psi'_{(E-CAL)LayerAve} &= (\Psi'_{1(E-CAL)Layer1} + \Psi'_{2(E-CAL)Layer2})/2 \\ &= \Psi'_{(E-CAL)}. \end{aligned} \quad (10)$$

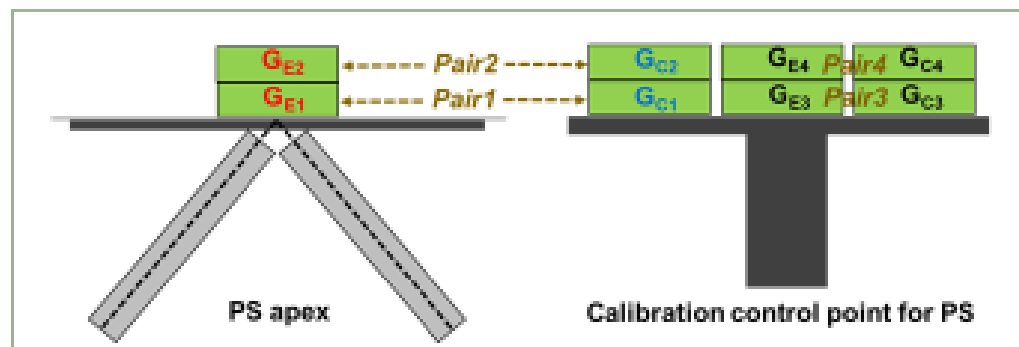
サイダブルプライム指数: Ψ''

バイオ-エンタングルメント
によるピラミッド効果

$$\begin{aligned} \Psi''_{Layer1} &= \Psi_{1(E-CAL)Layer1} - \Psi'_{1(E-CAL)Layer1} \\ &= 100 \ln(G_{C3}/G_{C1}), \end{aligned} \quad (11)$$

$$\begin{aligned} \Psi''_{Layer2} &= \Psi_{2(E-CAL)Layer2} - \Psi'_{2(E-CAL)Layer2} \\ &= 100 \ln(G_{C4}/G_{C2}). \end{aligned} \quad (11)$$

$$\Psi''_{LayerAve} = (\Psi''_{Layer1} + \Psi''_{Layer2})/2. \quad (12)$$



<https://www.scirp.org/journal/ns>

Natural Science, 2022, Vol. 14, (No. 6), pp: 251-263

Potential Power of the Pyramidal Structure VI: Pyramid Effects due to Potential Power and Pyramid Effects due to Bio-Entanglement

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Keywords: Pyramid, Potential Power, Entanglement, Biosensor, *Cucumis sativus*, Gas, Psi Index

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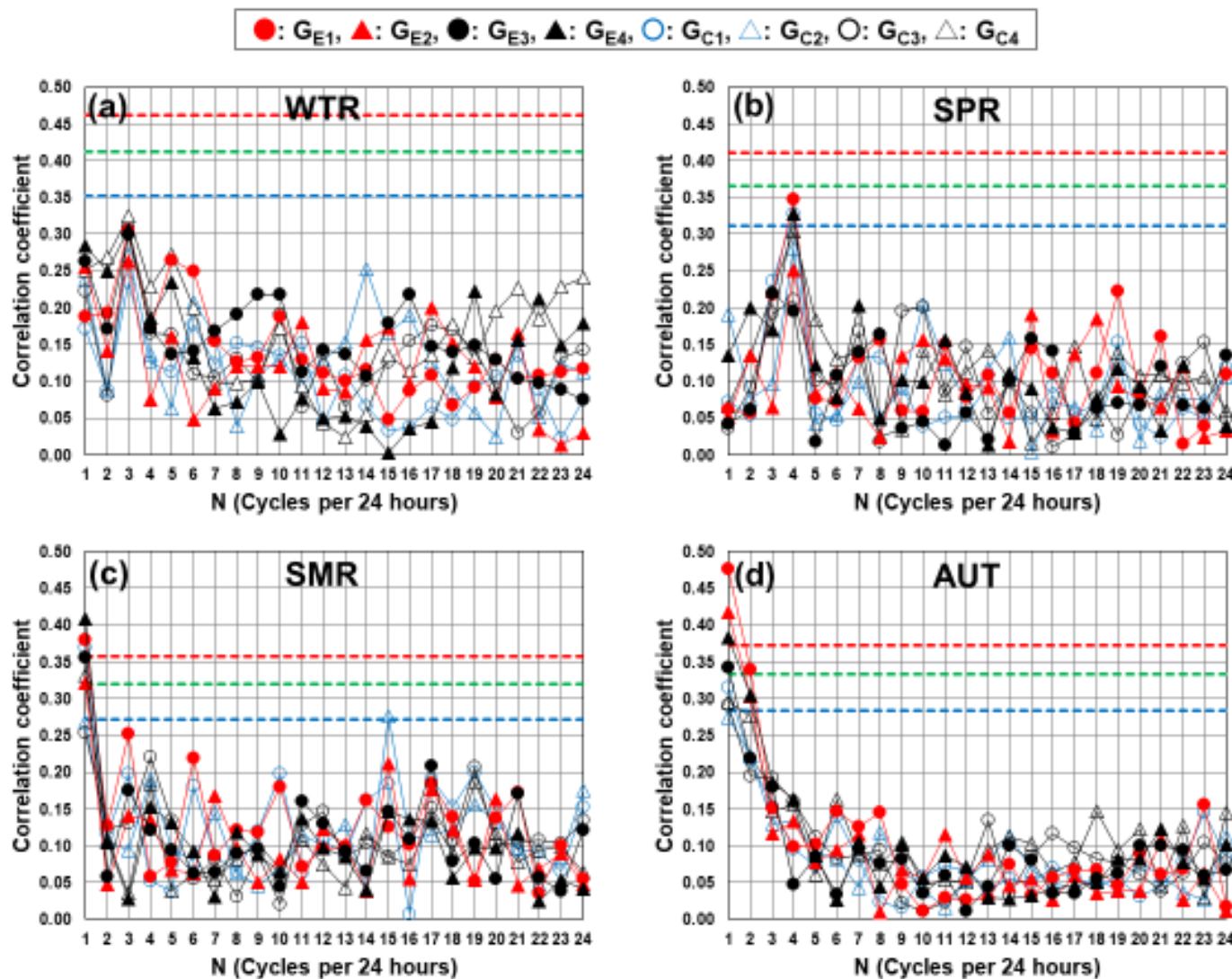


Open Access

“Seasonal Changes in the Circadian Rhythm of Gas Released from Harvested Cucumbers”

「収穫後のキュウリから放出されたガス濃度の概日リズムの季節変化」

Natural Science 14(11), 503-516 (2022) 掲載



ガス濃度と周期近似曲線との相関係数を解析

四季の違いによって、ガス濃度の概日リズムが変化し、1周期が、冬では8時間 (N=3)、春では6時間 (N=4)、夏では24時間 (N=1)、秋では24時間と12時間の混合リズム (N=1, 2) であることが判明した。

夏と秋ではともに、1周期が24時間の概日リズムをもつが、周期近似曲線のピーク位置が4時間程度ずれた。概日リズムの周期は同じであっても季節の違いで位相 (ピーク位置) 異なることが判明した。

<https://www.scirp.org/journal/ns>

Natural Science, 2022, Vol. 14, (No. 11), pp: 503-516

Seasonal Changes in the Circadian Rhythm of Gas Released from Harvested Cucumbers

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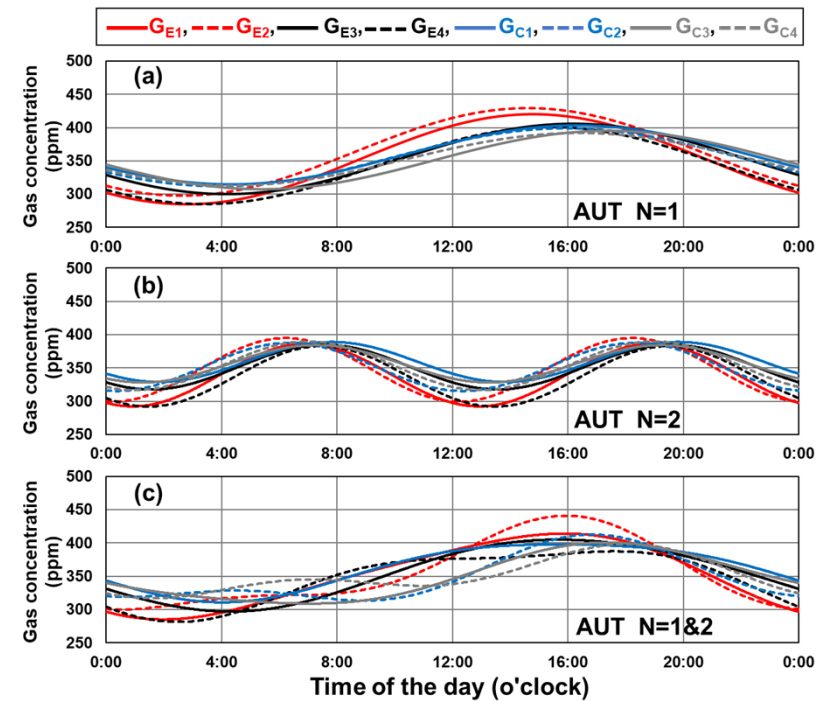
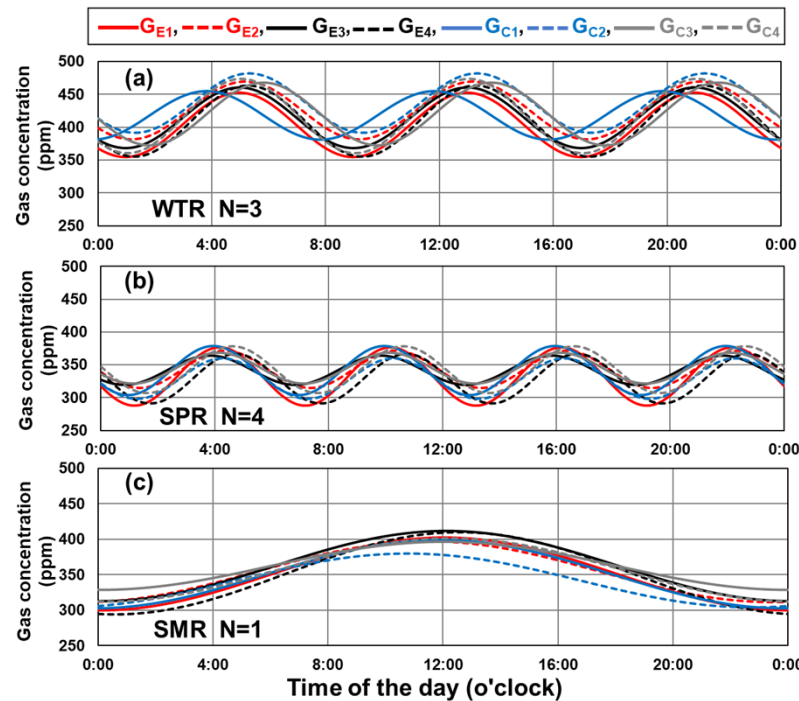


Open Access

“Potential Power of the Pyramidal Structure VII: Effects of Pyramid Power and Bio-Entanglement on the Circadian Rhythm of Biosensors ”

「ピラミッド型構造物の潜在力 VII:ピラミッドパワーとバイオ-エンタングルメントがバイオセンサの概日リズムに与える効果」

Natural Science 15(1), 19-38 (2023) 掲載



ガス濃度の周期近似曲線（概日リズム）の位相を解析

(ピラミッドパワーとBio-Entanglementは、概日リズムを表す周期近似曲線の周期数に変化を与えなかった。)

ピラミッドパワーとBio-Entanglementは、ガス濃度の概日リズムを表す周期近似曲線の位相に影響を与えた

- (1) PS頂点で、ガス濃度 G_{E1} (下段) と G_{E2} (上段) の概日リズムの位相は、ピラミッドパワーにより、 G_{E1} の位相に対して、 G_{E2} の位相の方が12.5分、左にずれた。
- (2) 較正基準点で、ガス濃度 G_{C1} (下段) と G_{C2} (上段) の概日リズムの位相は、Bio-Entanglementにより、 G_{C1} の位相に対して、 G_{C2} の位相の方が13.5分、左にずれた。
- (3) PS頂点と較正基準点の G_{E2} (上段) と G_{E4} (上段) では、ピラミッドパワーによって G_{E4} より G_{E2} の位相が43分、左にずれた。

ピラミッドパワーとBio-Entanglementが位相差（時間）に対して影響していることを初めて実証した。

<https://www.scirp.org/journal/ns>

Natural Science, 2023, Vol. 15, (No. 1), pp: 19-38

Potential Power of the Pyramidal Structure VII: Effects of Pyramid Power and Bio-Entanglement on the Circadian Rhythm of Biosensors

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Open Access

“Potential Power of the Pyramidal Structure VIII: Exploration of Periodic Diurnal Oscillation of Pyramid Power and Bio-Entanglement”

「ピラミッド型建造物の潜在力 VIII:ピラミッドパワーとBio-Entanglementの周期的な日内振動の探求」

Natural Science 15(4), 179-189 (2023) 掲載

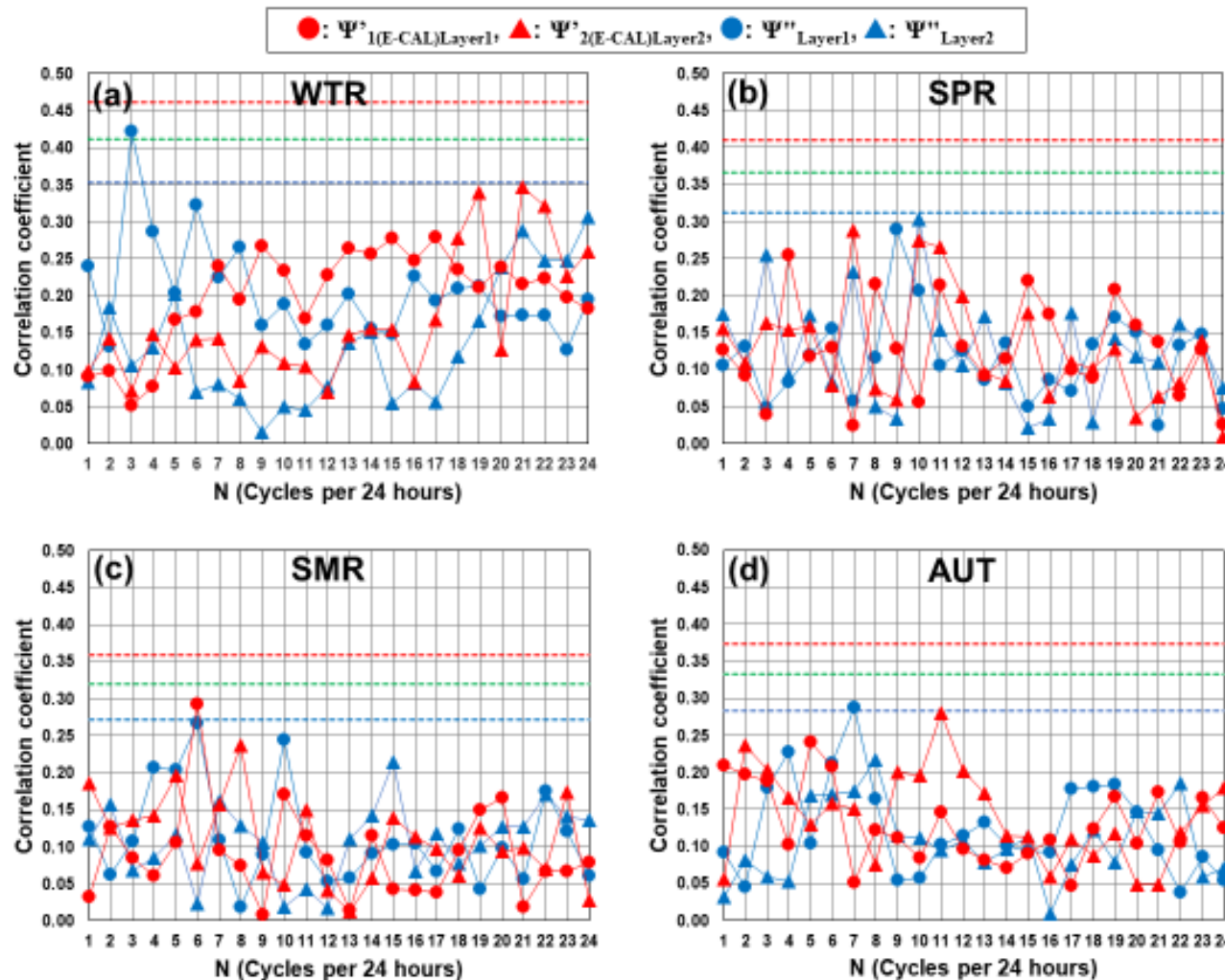
PSの潜在力を表す
サイプライム指数

$\Psi'_{1(E-CAL)Layer1}$
 $\Psi'_{2(E-CAL)Layer2}$
とその周期近似曲線との
相関係数

Bio-Entanglementを表す
サイダブルプライム指数

Ψ''_{Layer1}
 Ψ''_{Layer2}
とその周期近似曲線との
相関係数

**PSの潜在力（ピラミッドパ
ワー）とBio-Entanglement**
は、ほぼ周期的な日内振動は
していないという結論を得た。



<https://www.scirp.org/journal/ns>

Natural Science, 2023, Vol. 15, (No. 4), pp: 179-189

Potential Power of the Pyramidal Structure VIII: Exploration of Periodic Diurnal Oscillation of Pyramid Power and Bio-Entanglement

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Open Access

“Necessary Conditions for An Anomalous Phenomenon Discovered with A Pyramidal Structure”

「ピラミッド型構造物で発見された特異な現象の発生要件」

Journal of International Society of Life Information Science 34(2),154-161 (2016) 掲載

要旨：ピラミッド効果を科学的に究明し応用する、これが我々の目的である。2013年、我々はピラミッド型構造物（pyramidal structure: PS）の頂点に置かれた生体センサ（キュウリ切片）に対する非接触効果を、ガス測定法による厳密な実験と解析によって非常に高い統計精度で実証した。2015年、瞑想後のピラミッド型構造物内に瞑想者が居なくなった状態で、非接触効果を十数日間という非常に長期にわたって検出した。この実験結果から“ピラミッド型構造物が関与した遅延を伴う特異な非接触効果”という全く新しい現象の存在を実証した。2016年、ピラミッド型構造物で発見された特異な現象に関する発生要件を明らかにした。瞑想者とPSの実験条件を変化させておこなった検証実験の結果、瞑想期間では瞑想者の有無、PSの有無に関わらず、非接触効果が検出できないことを実証した。さらに瞑想期間にPS内に瞑想者が居たという条件の時にのみ、瞑想期間後に非接触効果が有意に検出されることを実証した。この研究成果は、2015年に提案した非接触効果の発現に関するピラミッド効果の仮説の正当性をより高める結果となった。



Lecture

**Necessary Conditions for An Anomalous Phenomenon
 Discovered with A Pyramidal Structure**

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 Kimiko KAWANO¹, Mikio YAMAMOTO¹

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Abstract: Our purpose is to study scientifically and to apply the so called pyramid effect. In 2013, we proved with very high statistical accuracy a meditator's non-contact effect on bio-sensors (cucumber slices) placed on the pyramidal structure (PS) peak by strict experiments and an analysis method. In 2015, the non-contact effect was detected over an extended period of time (10 plus days) after the meditation. Thus we proved the existence of a new phenomenon "an anomalous non-contact effect with a delay associated with a pyramidal structure" from this result. In 2016, we identified the necessary conditions for the anomalous phenomenon discovered with a pyramidal structure. From the result of a new verification experiment in which the experimental conditions for the meditator and the PS were varied, it was verified that the non-contact effect was not detected in the meditation period regardless of the existence or non-existence of the meditator and the existence or non-existence of the PS. Furthermore, we showed that the condition in which the meditator is in the pyramidal structure during the meditation period is the only condition for the non-contact effect to be detected after the meditation period. These research results further solidified the hypothesis we proposed in 2015 about the origin of the non-contact effect associated with a pyramidal structure.

Keywords: meditator, pyramidal structure, non-contact effect, delayed effect, bio-sensor, cucumber, gas

“Discovery from the Experiment on the Unexplained Functions of the Pyramidal Structure -The Phenomenon Caused by the Personal Relationship-”

「ピラミッド型構造物の未知なる機能の実験による発見
一人間との関わりによって生じた現象から」

Journal of International Society of Life Information Science 37(1),60-71 (2019) 掲載

要旨：我々はピラミッド型構造物 (pyramidal structure: PS)の未知なる機能について2007年以来、10年以上研究を続けている。PSの研究方法として、PS内部に人間が入り瞑想をした。PSの未知なる機能を明らかにする手段として生体センサ (キュウリ果実切片) から放出されたガス濃度を測定した。生体センサの作成、設置、ガス測定は、零点同時補正法 (simultaneous calibration technique: SCAT) によって行われた。この方法は、国際総合研究機構 (International Research Institute: IRI) で研究開発され、ヒーラーに関わる多くの研究成果を得ている。ピラミッド型構造物と人間とが関わった実験において、次の2つの結果を得ることが出来た。(1) PS内部に人間が入り瞑想する以前に、人間の無意識 (フォースタイプI) による、生体センサに対する未知なる遠隔作用 (6 km以上離れた地点から生体センサに対して、遅延なく影響を与える長距離の非接触効果) が検出された。(2) PS内部に人間が入り瞑想した後、人間による何らかの影響 (フォースタイプII) によって、10日間以上続く遅延を伴った非接触効果 (PS内部の人間と生体センサの距離が0.5 mである短距離の非接触効果) が検出された。これらの結果から、ピラミッド型構造物と人間との関わりにおいて、人間から発する2つの異なるフォースタイプがあることが示唆された。しかし、2つの異なるフォースタイプは、PSによって変換速度は異なるが、どちらも生体センサが反応し得るエネルギーに変換され、非接触効果として検出されたと考えられる。ピラミッドパワー (効果) に関する学術的な研究において、統計的に高い有意性のある実験データを示した研究は、我々のグループ以外では皆無である。



Lecture

Discovery from the Experiment on the Unexplained Functions of the Pyramidal Structure -The Phenomenon Caused by the Personal Relationship-

Osamu TAKAGI¹, Masamichi SAKAMOTO², Hideo YOICHI¹, Hideyuki KOKUBO¹, Kimiko KAWANO¹
and Mikio YAMAMOTO¹

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Abstract: We have been studying unexplained functions of the pyramidal structure (PS) since 2007. As our research method on the PS, a person has entered inside the PS and meditated. The concentration of gas released from the biosensors (cucumber fruit sections) was measured as a means to clarify the unexplained functions of the PS. The preparation, installation and gas measurement of the biosensors was carried out by the simultaneous calibration technique (SCAT). This method was developed at the International Research Institute (IRI) and many research results related to healers have been obtained using it. In experiments in which the PS and a meditating person were involved, the following two results were obtained. (1) An unexplained long-distance effect on the biosensors by human unconsciousness (Force Type I) was detected before the person entered inside the PS and meditated. It can be also said that a long-distance non-contact effect was detected that affects the biosensors from a point 6 km or more away without delay. (2) After the person entered inside the PS and meditated, the non-contact effect with delay, which lasted more than 10 days by some personal influence (Force Type II), was detected. It can be also said that a short-distance non-contact effect was detected, in which the distance between the person inside the PS and the biosensors was 0.5 m. From these results, for the PS and the person involved, it was suggested that there are two different Force Types emanating from the person. However, it seems that the two Force Types differed in conversion speed depending on the PS, but both were converted into energy that the biosensors could react to, and this energy was detected as the non-contact effect. There are no academic research studies on the pyramid power (effect) showing statistically highly significant experimental data except as made by our group.

Keywords: pyramid, meditation, unconsciousness, non-contact effect, long-distance effect, delay, biosensor, cucumber, gas

“Scientific Elucidation of Pyramid Power: I”

「ピラミッドパワーの科学的解明 I」

Journal of International Society of Life Information Science 38(2),130-145 (2020) 掲載

要旨：本研究は、2007年10月から現在（2020年9月）までの13年間、国際総合研究機構(International Research Institute: IRI)で継続して行われている。研究の目的は、ピラミッド型構造物(pyramidal structure: PS)の未知なる機能（いわゆる「ピラミッドパワー」）の科学的な解明である。本研究迄、PSの未知なる機能に関して、統計的に有意な結果を得たという報告はほとんど無かった。我々は実験のため、被験者が中に入ることが可能なPSを作製した。また、PSの未知なる機能を検出するため、食用キュウリ切片(Cucumis sativus 'white spine type')をバイオセンサとして使用した。バイオセンサはPS頂点に置かれ、放出されたガス濃度を解析することによって、PS頂点付近のピラミッド効果の検出実験が行なわれた。ピラミッド効果の検出実験に関しては、実験条件が異なる2種類の実験が行われた。それは、(i) PSに対して、被験者による何らかの影響が考えられる状態で行われた実験、(ii) PSに対して、被験者による影響が除外された状態で行われた実験、の2種類であった。また条件(i)の実験は、PSに対する被験者による影響が、3タイプあると考えられた。それは、(i-1) PSから6 km以上離れた被験者の無意識（フォースタイプI）がPSに影響している場合、(i-2) PS内部で瞑想中の被験者の状態（フォースタイプII）がPSに影響している場合、(i-3) PS内部で瞑想した被験者が居なくなった後、フォースタイプIIに対するPSの反応が継続している場合、の3タイプであった。条件(ii)の実験は、少なくとも20日間以上、被験者がPS内部に入らなかった状況で行なわれた。(i-1)、(i-3)及び(ii)の結果から、PSの未知なる機能（「ピラミッドパワー」）の存在が、高い統計精度で実証された。(i-1)の結果からは、6 km以上離れた被験者の睡眠状態から覚醒状態までの、無意識の変化に対応したと考えられるピラミッド効果が検出された（1%有意）。(i-3)の結果からは、瞑想後十数日間にわたり、遅延を伴ったピラミッド効果が発見された（ $p=3.5 \times 10^{-6}$ ；ウェルチの両側t検定、これ以降のp値も同様）。この遅延を伴ったピラミッド効果は、過渡応答現象のモデルから計算された理論曲線によって非常に良く近似できた。これに対して、(i-2)の結果からは、これまでのところピラミッド効果が有意に検出されなかった。しかし今後、データ数が増えることによってPS内部で被験者が瞑想中のピラミッド効果が検出される可能性が十分に考えられる。(ii)の結果からは、PSが潜在的に持っている力（パワー）によるピラミッド効果が検出（ $p=6.0 \times 10^{-3}$ ）された。さらに、PS頂点に2段に重ねて置かれたバイオセンサの、上段と下段に対する潜在的なピラミッド効果が異なり、下段に比べて上段のバイオセンサに対するピラミッド効果が大きくなることが明らかとなった（ $p=4.0 \times 10^{-7}$ ）。厳密な科学的な実験と解析によって得られたこれまでの結果は、いわゆる「ピラミッドパワー」の存在を実証した世界最初の研究成果である。この成果が科学の新しい一分野を切り開き、幅広い応用分野の発展に寄与することが期待される。



Special Lecture

Scientific Elucidation of Pyramid Power: I

**Osamu TAKAGI¹, Masamichi SAKAMOTO², Hideo YOICHI¹, Kimiko KAWANO¹
 and Mikio YAMAMOTO¹**

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Abstract: We have been carrying out research to elucidate an unexplained function, the so-called “pyramid power”, of a pyramidal structure (PS) for 13 years from October 2007 to the present, September 2020, at the International Research Institute (IRI). Until our work, there were few reports that presented statistically significant results regarding unexplained functions of the PS. For experiments, we made the PS that the test subject could enter. We used edible cucumber sections (*Cucumis sativus* 'white spine type') as a biosensor to detect the unexplained functions of the PS. The biosensors were placed on the PS apex, and two types of detection experiments of a pyramid effect near the PS apex were conducted by analyzing the released gas concentration. (i) The first type was conducted in a state where the test subject might have some influence on the PS. (ii) The second type was conducted in a state where the subject's influence on the PS was excluded. In addition, we considered that the experiment of type (i) had three different influences exerted by the test subject on the PS as follows: (i-1) when the unconsciousness ("force type I") of the test subject who was more than 6 km away from the PS affected the PS; (i-2) when the test subject's condition ("force type II") during meditation inside the PS affected the PS; and (i-3) when the reaction of the PS to "force type II" continued after the test subject left the PS. The experiment of type (ii) was conducted in a situation where the test subject did not enter the PS for at least 20 days or longer. From the results of (i-1), (i-3) and (ii), the existence of unexplained functions of the PS, “pyramid power” was demonstrated with high statistical accuracy. From the results of (i-1), the pyramid effect that was considered to correspond to the unconscious change from the sleeping state to the awake state

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Meditator's Non-contact Effect on Cucumbers

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ABSTRACT

We clearly show a non-contact effect in which the “presence” of a test subject (meditator) inside a pyramidal structure (PS) affects biosensors without making any physical contact. This is the world's first report to show this type of effect by scientific measurements. We used edible cucumber sections as the biosensors and measured the concentrations of gas emitted from the sections by a technique developed by our group. The concentrations of gas emitted from biosensors were measured for a total of 1152 sample petri dishes; each dish contained four cucumber sections so that a statistically meaningful comparison could be made. We found that there was a statistically significant difference ($p=8.7\times 10^{-9}$, Welch's t-test, two-tails) in the concentration of emitted gas depending on whether the meditator was present or absent in the PS. Our experimental results clearly indicated that there was a scientifically measurable effect on biological objects with which the meditator had no direct physical contact.

Keywords: Meditator; meditation; non-contact effect; biosensor; cucumber; gas; pyramid.

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