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 研究課題名（和文）可視的連続循環移動言語 3 言語のチェーン形成メカニズムの解明に関する研究  
 研究課題名（英文）A Study on Chain Formation Mechanisms of 3 Languages with Visible Successive Cyclic Movement  
 研究代表者 牧 秀樹 (MAKI HIDEKI)  
 岐阜大学・地域科学部・准教授  
 研究者番号：50345774

研究成果の概要（和文）：本調査によって、セラヤリーズ語は、埋め込み文を 1 つ持つ WH 疑問文において、論理的可能なチェーンの組み合わせ（movement and resumption の組み合わせ）全て 4 通りを容認することを示した。これは、アイルランド語において、埋め込み文を 1 つ持つ WH 疑問文において movement and resumption の組み合わせによる 6 つの論理的可能なチェーンが存在することと並行的であり、本研究は、人間言語のチェーン形成は、movement と resumption を原理的に自由に使用できることを証明した。さらに、本調査によって、スペイン語の WH 移動と主語述語の倒置の間には相関がなく、スペイン語は、これまで、可視的連続循環移動を示す言語であると考えられていたが、そうではないことが明らかになった。

研究成果の概要（英文）：This research made it clear that Selayarese allows 4 chain patterns in a wh-clause with one embedding making use of possible combinations of movement and resumption. This is parallel to the situation in Irish, which allows 6 chain patterns in a wh-clause with one embedding making use of possible combinations of movement and resumption. Therefore, this research proved that chain formation in human language can make free use of movement and resumption in principle. Furthermore, this research also made it clear that in Spanish, there is no correlation between subject-predicate inversion and wh-movement, so that wh-movement in Spanish has turned out not to constitute evidence for visible successive cyclicity.

交付決定額

(金額単位：円)

	直接経費	間接経費	合計
21 年度	1,700,000	510,000	2,210,000
22 年度	1,000,000	300,000	1,300,000
23 年度	600,000	180,000	780,000
年度			
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総計	3,300,000	990,000	4,290,000

研究分野：人文学

科研費の分科・細目：言語学・言語学

キーワード：Irish, Chain, Movement, COMP, Alternation, Selayarese, Spanish, Inversion

1. 研究開始当初の背景

言語における移動現象は、生成文法理論の

枠組みにおける言語学の探求の中心である。したがって、移動の結果としてのチェーン形成メカニズムに関して、何が人間言語の共通

の性質なのか、また、何がその相違点の要因になっているかを明確にすることは、言語学の主要な問題を解明するのに重要な寄与をすると考え、この調査を開始した。2009年3月までの、可視的連続循環移動言語であるアイルランド語の調査結果の蓄積を基に、別の可視的連続循環移動言語であるセラヤリーズ語・スペイン語の移動現象のメカニズムも比較調査しようと考えた。

## 2. 研究の目的

この研究の目的は、可視的連続循環移動言語3言語(アイルランド語、セラヤリーズ語、スペイン語)のチェーン形成メカニズムを解明することである。アイルランド語とセラヤリーズ語は、WH句が長距離移動する際のCOMPに生ずる(アイルランド語)途中の動詞に付加される(セラヤリーズ語)要素の性質を調査する。スペイン語は、WH句が長距離移動する際の動詞と主語の倒置の可能性を、Torrego (1984)を再調査する方法で、解明する。

## 3. 研究の方法

アイルランド語は、Queen's University BelfastのDónall P. Ó Baoill教授から、セラヤリーズ語は、Tadulako UniversityのHasan Basri教授から、母語話者によるデータの判断を得、共同で、新たに発見されたデータに基づいて、その言語学的意義を探る方法。

スペイン語は、University of KentのLuisa Marti博士とともに、スペイン語のデータに関して、質問票を共同で作成し、マドリッドで、アンケート調査をし、その結果を統計分析し、それに基づいて、その言語学的意義を探る方法。

## 4. 研究成果

査読付きジャーナルに1本掲載された。また、アブストラクトに査読があった論文は、予稿集に16本掲載された。

学会発表は、合計29回行った。

アイルランド語に関する研究成果は、以下の14章からなる本の出版である。

Maki, Hideki and Dónall P. Ó Baoill (2011) *Essays on Irish Syntax*. Tokyo: Kaitakusha.

## 5. 主な発表論文等

(研究代表者、研究分担者及び連携研究者には下線)

[雑誌論文] (計 17件)

### A. 査読付きジャーナル

[01] Ó Baoill, Dónall P. and Hideki Maki (2009) "The Mar "As" Construction in Modern Irish and Its Theoretical Implications." English Linguistics 26.2, 394-404.

B. アブストラクトが査読があり、予稿集に掲載された論文

[01] Maki, Hideki and Megumi Hasebe (2012) "An A/A'-Asymmetry in Genitive Subject Licensing in Modern Japanese." JELS 29 (Papers from the Fourth International Spring Forum of the English Linguistic Society of Japan), 274-280.

[02] Hasebe, Megumi, Hideki Maki, and Fumikazu Niinuma (2012) "On the "Surprising" *That*-Trace Effect and an Issue on Data Treatment." JELS 29 (Papers from the Fourth International Spring Forum of the English Linguistic Society of Japan), 215-221.

[03] Maki, Hideki and Fumikazu Niinuma (2011) "NP Deletion in English and Japanese." JELS 28 (Papers from the 28th Conference of the English Linguistic Society of Japan), 82-88.

[04] Ó Baoill, Dónall P. and Hideki Maki (2011) "On the Highest Subject in Modern Irish." In Proceedings of the 143rd Meeting of the Linguistic Society of Japan, 64-69.

[05] Jin, Yin-Ji and Hideki Maki (2011) "The Yanbian Variety of Korean: A Living Fossil Connecting the Missing Link Between Korean and Japanese." In Proceedings of the 142nd Meeting of the Linguistic Society of Japan, 248-253.

[06] Maki, Hideki and Hasan Basri (2011) "Subject/Object Asymmetries and Chain Formation in Selayarese." In Proceedings of the 142nd Meeting of the Linguistic Society of Japan, 58-63.

[07] Yokoyama, Satoru, Hideki Maki, Yosuke Hashimoto, Masahiro Toma, Akiko Sugiyama, and Ryuta Kawashima (2010) "Eego ni okeru Shukaku, Taikaku, Zokkaku Shori no Noonai Mekanizumu (The Cerebral Mechanism of Processing Nominative, Accusative, and Genitive Case in English)." In Proceedings of the 141st Meeting of the Linguistic Society of Japan, 194-199.

[08] Uchibori, Asako, Hideki Maki, and Yin-Ji Jin (2010) "The Origin of the Ga/No

Conversion in the History of the Japanese Language." In Proceedings of the 141st Meeting of the Linguistic Society of Japan, 10-15.

[09] Ó Baoill, Dónall P. and Hideki Maki (2010) "Sé Féin 'He Self' in Modern Ulster Irish." In Proceedings of the 141st Meeting of the Linguistic Society of Japan, 16-21.

[10] Maki, Hideki, Lina Bao, Badma Odsar, and Satoru Yokoyama (2010) "The Nominative/Genitive Alternation in Modern Inner Mongolian: A Visual Analogue Scale (VAS) Evaluation Method-Based Analysis." In Proceedings of the 141st Meeting of the Linguistic Society of Japan, 4-9.

[11] Maki, Hideki and Hasan Basri (2010) "Patterns of A'-Chains in Selayarese." In Proceedings of the 140th Meeting of the Linguistic Society of Japan, 32-37.

[12] Ó Baoill, Dónall P. and Hideki Maki (2010) "Complement Deletion in Modern Ulster Irish." In Proceedings of the 140th Meeting of the Linguistic Society of Japan, 26-31.

[13] Maki, Hideki and Kenichi Goto (2010) "The Semipermeable Membrane Theory in Syntax." JELS 27 (Papers from the 27th Conference of the English Linguistic Society of Japan), 119-128.

[14] Maki, Hideki, Lina Bao, Wurigumula Bao, Quing-Yu Wu, Sarenqimuge, Megumi Hasebe, Naohiro Takemura, Keiichiro Kobayashi, Asako Uchibori, Fumikazu Niinuma, and Shigeki Taguchi (2010) "Accusative Subjects in Modern Mongolian and Old Japanese." Proceedings of the 2010 Seoul International Conference on Linguistics: Syntax. 8 pages.

[15] Ó Baoill, Dónall P. and Hideki Maki (2009) "On the Nature of A-Movement in Modern Ulster Irish." In Proceedings of the 139th Meeting of the Linguistic Society of Japan, 26-31.

[16] Maki, Hideki, Kenichi Goto, Mohammed Joynal Abedin, and Juri Yoshimura (2009) "On the Structure of the Stative Construction with a Genitive Subject in Modern Bengali." In Proceedings of the 139th Meeting of the Linguistic Society of Japan, 20-25.

[学会発表] (計 29件)

[01] Basri, Hasan and Hideki Maki (to

appear) "On the Nature of Resumptive Pronouns in Selayarese." The 14th Japanese Society for Language Sciences. Nagoya University, June 30, 2012.

[02] Maki, Hideki and Dónall P. Ó Baoill (to appear) "A Mystery with the *Ceart* 'Correct' Construction in Modern Ulster Irish." The 144th Meeting of the Linguistic Society of Japan. Tokyo University of Foreign Studies, June 16, 2012.

[03] Bao, Lina, Hideki Maki, and Megumi Hasebe (to appear) "On the Distribution of Possessive Pronouns in Modern Mongolian." The 144th Meeting of the Linguistic Society of Japan. Tokyo University of Foreign Studies, June 16, 2012.

[04] Jin, Yin-Ji and Hideki Maki (to appear) "The Genitive Subject in the Yanbian Variety of Korean: A Visual Analogue Scale Analysis." Poster Session. The Eighth Workshop on Altaic Formal Linguistics. Universität Stuttgart, May 19, 2012.

[05] Maki, Hideki and Amanullah Bhutto (2012) "Relative Pronoun-Less Relative Clauses in Modern Urdu." Poster Session. The Fifth International Spring Forum by the English Linguistic Society of Japan. Konan University, April 22, 2012.

[06] Bao, Lina, Hideki Maki, and Megumi Hasebe (2012a) "Three Case Alternation Mysteries in Modern Mongolian." Poster Session. The Fifth International Spring Forum by the English Linguistic Society of Japan. Konan University, April 22, 2012.

[07] Maki, Hideki, Luisa Martí, and Satoru Yokoyama (2012) "Wh-Movement and Inversion in Spanish: A Visual Analogue Scale Analysis." The Thirteenth Tokyo Conference on Psycholinguistics. Keio University, March 9, 2012.

[08] Ó Baoill, Dónall P. and Hideki Maki (2011) "On the Highest Subject Restriction in Modern Irish." The 143rd Meeting of the Linguistic Society of Japan. Osaka University, November 26, 2011.

[09] Maki, Hideki and Hasan Basri (2011) "Subject/Object Asymmetries and Chain Formation in Selayarese." The 142nd Meeting of the Linguistic Society of Japan. Nihon University, June 18, 2011.

- [10] Jin, Yin-Ji and Hideki Maki (2011) "The Yanbian Variety of Korean: A Living Fossil Connecting the Missing Link Between Korean and Japanese." The 142nd Meeting of the Linguistic Society of Japan. Nihon University, June 18, 2011.
- [11] Hasebe, Megumi, Hideki Maki, and Fumikazu Niinuma (2011) "On the "Surprising" That-Trace Effect and an Issue on Data Treatment." Poster Session. The Fourth International Spring Forum by the English Linguistic Society of Japan. Shizuoka University (Hamamatsu Campus), April 24, 2011.
- [12] Maki, Hideki and Megumi Hasebe (2011) "An A/A'-Asymmetry in Genitive Subject Licensing in Modern Japanese." The Fourth International Spring Forum by the English Linguistic Society of Japan. Shizuoka University (Hamamatsu Campus), April 24, 2011.
- [13] Yokoyama, Satoru, Hideki Maki, Yosuke Hashimoto, Masahiro Toma, Akiko Sugiyama, and Ryuta Kawashima (2010) "Eego ni okeru Shukaku, Taikaku, Zokkaku Shori no Noonai Mekanizumu (The Cerebral Mechanism of Processing Nominative, Accusative, and Genitive Case in English)." The 141st Meeting of the Linguistic Society of Japan. Tohoku University, November 27, 2010.
- [14] Uchibori, Asako, Hideki Maki, and Yin-Ji Jin (2010) "The Origin of the Ga/No Conversion in the History of the Japanese Language." The 141st Meeting of the Linguistic Society of Japan. Tohoku University, November 27, 2010.
- [15] Ó Baoill, Dónall P. and Hideki Maki (2010b) "Sé Féin 'He Self' in Modern Ulster Irish." The 141st Meeting of the Linguistic Society of Japan. Tohoku University, November 27, 2010.
- [16] Maki, Hideki, Lina Bao, Badma Odsar, and Satoru Yokoyama (2010) "The Nominative/Genitive Alternation in Modern Inner Mongolian: A Visual Analogue Scale (VAS) Evaluation Method-Based Analysis." The 141st Meeting of the Linguistic Society of Japan. Tohoku University, November 27, 2010.
- [17] Maki, Hideki and Fumikazu Niinuma (2010) "NP Deletion in English and Japanese." The 28th Conference of the English Linguistic Society of Japan. Nihon University, November 14, 2010.
- [18] Maki, Hideki, Lina Bao, Wurigumula Bao, Qing-Yu Wu, Asako Uchibori, Fumikazu Niinuma, Megumi Hasebe, and Juri Yoshimura (2010) "Deep Genitive in Modern Inner Mongolian." Poster Session. The 8th Conference of the Generative Linguistics in the Old World (Asia). Beijing Language and Culture University, August 14, 2010.
- [19] Maki, Hideki and Hasan Basri (2010) "Patterns of A'-Chains in Selayarese." The 140th Meeting of the Linguistic Society of Japan. University of Tsukuba, June 19, 2010.
- [20] Ó Baoill, Dónall P. and Hideki Maki (2010a) "Complement Deletion in Modern Ulster Irish." The 140th Meeting of the Linguistic Society of Japan. University of Tsukuba, June 19, 2010.
- [21] Maki, Hideki, Lina Bao, Wurigumula Bao, Qing-Yu Wu, Sarenqimuge, Megumi Hasebe, Naohiro Takemura, Keiichiro Kobayashi, Asako Uchibori, Fumikazu Niinuma, and Shigeki Taguchi (2010) "Accusative Subjects in Modern Mongolian and Old Japanese." The 2010 Seoul International Conference on Linguistics. The Linguistic Society of Korea. Korea University, June 24, 2010.
- [22] Shibata, Yoko, Hideki Maki, and Megumi Hasebe (2010) "Person Agreement in the History of the Japanese Language." The Third International Spring Forum by the English Linguistic Society of Japan. Aoyama Gakuin University, April 25, 2010.
- [23] Maki, Hideki, Juri Yoshimura, Yin-Ji Jin, and Megumi Hasebe (2010) "The Genuine Mechanism Behind the Nominative/Genitive Alternation in Modern Japanese." The Third International Spring Forum by the English Linguistic Society of Japan. Aoyama Gakuin University, April 24, 2010.
- [24] Ó Baoill, Dónall P. and Hideki Maki (2009) "On the Nature of A-Movement in Modern Ulster Irish." The 139th Meeting of the Linguistic Society of Japan. Kobe University, November 28, 2009.
- [25] Maki, Hideki, Kenichi Goto, Mohammed Joynal Abedin, and Juri Yoshimura (2009) "On the Structure of the Stative Construction with a Genitive Subject in Modern

Bengali." The 139th Meeting of the Linguistic Society of Japan. Kobe University, November 28, 2009.

[26] Maki, Hideki, Yin-Ji Jin, Satoru Yokoyama, Michiyo Hamasaki, and Yukiko Ueda (2009) "The Nominative/Genitive Alternation in Modern Japanese: A Visual Analogue Scale (VAS) Evaluation Method-Based Analysis." The 19th Japanese/Korean Linguistics. University of Hawaii at Manoa, November 12, 2009.

[27] Maki, Hideki and Kenichi Goto (2009) "The Semipermeable Membrane Theory in Syntax." The 27th Conference of the English Linguistic Society of Japan. Osaka University, November 15, 2009.

[28] Maki, Hideki, Lina Bao, Qing-Yu Wu, Wurigumula Bao, Asako Uchibori, Fumikazu Niinuma, and Kenichi Goto (2009) "The Nominative/Genitive Alternation in Modern Mongolian." The Sixth Workshop on Altaic Formal Linguistics. Nagoya University, September 4, 2009.

[29] Maki, Hideki, Kenichi Goto, Mohammed Joynal Abedin, and Juri Yoshimura (2009) "Properties of Bengali Relative Clauses and Their Theoretical Implications." The Second International Spring Forum by the English Linguistic Society of Japan. Nara Women's University, April 26, 2009.

[図書] (計 6 件)

[01] Maki, Hideki, Yin-Ji Jin, Satoru Yokoyama, Michiyo Hamasaki, and Yukiko Ueda (2012) "The Nominative/Genitive Alternation in Modern Japanese: A Visual Analogue Scale (VAS) Evaluation Method-Based Analysis." Japanese/Korean Linguistics Volume 19, ed. by Ho-Min Sohn, Haruko Minegishi Cook, William O'Gray, Leon A. Serafim, and Sang Yee Cheon, 185-198, CSLI Publications, Stanford.

[02] Maki, Hideki and Dónall P. Ó Baoill (2011) Essays on Irish Syntax. Tokyo: Kaitakusha.

[03] Maki, Hideki, Lina Bao, Wurigumula Bao, Qing-Yu Wu, Asako Uchibori, Fumikazu Niinuma, Megumi Hasebe, and Juri Yoshimura (2011) "Deep Genitive in Modern Inner Mongolian." In Ming-Le Gao (ed.) Proceedings of GLOW in ASIA VIII 2010 Universals and Variation, 282-288, Beijing Language and Culture

University Press, Beijing.

[04] Maki, Hideki, Lina Bao, Qing-Yu Wu, Wurigumula Bao, Asako Uchibori, Fumikazu Niinuma, and Kenichi Goto (2010) "The Nominative/Genitive Alternation in Modern Mongolian." MIT Working Papers in Linguistics #61: Proceedings of the 6th Workshop on Altaic Formal Linguistics (WAFL6), ed by Hiroki Maezawa and Azusa Yokogoshi, 229-245, MITWPL, Cambridge, MA.

[05] Maki, Hideki, Kana Ito, Megumi Hasebe, Kenichi Goto, Michiyo Hamasaki, Takashi Munakata, and Yukiko Ueda (2010) "The Nominative/Accusative Alternation in Modern Japanese: An ANOVA Analysis." In Yukio Otsu (ed.) The Proceedings of the Tenth Tokyo Conference on Psycholinguistics, 167-191. Tokyo: Hituzi Syobo.

[06] Maki, Hideki and Asako Uchibori (2009) "An Integrated Approach to Nominative/Genitive Conversion in Japanese." In Sergei Tatevosov (ed.) Investigations into Formal Altaic Linguistics: Proceedings of WAFL 3, 88-103. Moscow: MAKS Press.

[産業財産権]

○出願状況 (計 0 件)

○取得状況 (計 0 件)

[その他]

6. 研究組織  
(1) 研究代表者

牧 秀樹 (MAKI HIDEKI)  
岐阜大学・地域科学部・准教授

研究者番号 : 50345774

(2) 研究分担者

なし

(3) 連携研究者

なし

