

### **Abduction and diagrams**

**Pietarinen, Ahti-Veikko** Logic journal of the IGPL 2020 / p. 447-468 <https://doi.org/10.1093/jigpal/jzz034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Abductive inference within a pragmatic framework**

**Chiffi, Daniele; Pietarinen, Ahti-Veikko** Synthese 2020 / p. 2507-2523 <https://doi.org/10.1007/s11229-018-1824-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Abstraction and generalization in the logic of science : cases from nineteenth-century scientific practice**

**Cristalli, Claudia; Pietarinen, Ahti-Veikko** HOPOS: The journal of the International Society for the History of Philosophy of Science 2021 / p. 93-121 <https://doi.org/10.1086/713087> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Active inference and abduction**

**Pietarinen, Ahti-Veikko; Beni, Majid D.** Biosemiotics 2021 / p. 499–517 <https://doi.org/10.1007/s12304-021-09432-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Ahti-Veikko Pietarinen : [answers to Peirce]**

**Pietarinen, Ahti-Veikko** Peirce : 5 questions 2014 / p. 207-223

### **Aligning the free-energy principle with Peirce's logic of science and economy of research**

**Beni, Majid D.; Pietarinen, Ahti-Veikko** European journal for philosophy of science 2021 / art. 94, 21 p <https://doi.org/10.1007/s13194-021-00408-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **An analysis of existential graphs-part 2 : beta**

**Bellucci, Francesco; Pietarinen, Ahti-Veikko** Synthese 2021 / p. 7705-7726 : ill <https://doi.org/10.1007/s11229-021-03134-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Anticipation, abduction and the economy of research : the normative stance**

**Chiffi, Daniele; Pietarinen, Ahti-Veikko; Proover, Marika** Futures 2020 / art. 102471, 9 p <https://doi.org/10.1016/j.futures.2019.102471> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Applying Peirce in Tallinn and Helsinki**

**Pietarinen, Ahti-Veikko** Sign systems studies = Tõid märgisüsteemide alalt = Труды по знаковым системам 2014 / p. 417-420 <http://dx.doi.org/10.12697/SSS.2014.42.2-3.13> [http://www.ester.ee/record=b1331700\\*est](http://www.ester.ee/record=b1331700*est)

### **Assertion and denial : a contribution from logical notations**

**Pietarinen, Ahti-Veikko; Bellucci, Francesco** Journal of applied logic 2017 / p. 1-22 : ill <https://doi.org/10.1016/j.jal.2017.01.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Assertion, conjunction, and other signs of logic : a contribution to the philosophy of notation**

**Bellucci, Francesco; Chiffi, Daniele; Pietarinen, Ahti-Veikko** Transactions of the Charles S. Peirce Society : a quarterly journal in American philosophy 2021 / p. 270–287 <https://doi.org/10.2979/trancharpeirsoc.57.2.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Assertive and existential graphs : a comparison**

**Pietarinen, Ahti-Veikko; Chiffi, Daniele** Diagrammatic Representation and Inference : 10th International Conference, Diagrams 2018, Edinburgh, UK, June 18–22, 2018 : proceedings 2018 / p. 565-581 [https://doi.org/10.1007/978-3-319-91376-6\\_51](https://doi.org/10.1007/978-3-319-91376-6_51) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Assertive graphs**

**Bellucci, Francesco; Chiffi, Daniele; Pietarinen, Ahti-Veikko** Journal of applied non-classical logics 2018 / p. 72–91 <https://doi.org/10.1080/11663081.2017.1418101> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Beta assertive graphs**

**Bellucci, Francesco; Chiffi, Daniele; Pietarinen, Ahti-Veikko** Diagrammatic representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 525-529 [https://doi.org/10.1007/978-3-030-54249-8\\_49](https://doi.org/10.1007/978-3-030-54249-8_49) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

### **Beta assertive graphs : proofs of assertions with quantification**

**Bellucci, Francesco; Chiffi, Daniele; Pietarinen, Ahti-Veikko** Journal of applied logics : IfCoLog journal of logics and their applications 2021 / 23 p. : ill <https://www.collegepublications.co.uk/downloads/ifcolog00044.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The Blot**

**Pietarinen, Ahti-Veikko; Bellucci, Francesco; Bobrova, Angelina; Haydon, Nathan Joseph; Shafiei, Mohammad** Diagrammatic

representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 225-238 : ill [https://doi.org/10.1007/978-3-030-54249-8\\_18](https://doi.org/10.1007/978-3-030-54249-8_18) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#) [Conference proceedings at WOS](#)

**Charles Sanders Peirce : logic [Online resource]**

**Bellucci, Francesco; Pietarinen, Ahti-Veikko** The Internet encyclopedia of philosophy 2015 <http://www.iep.utm.edu/peir-log/>

**Christine Ladd-Franklin's and Victoria Welby's correspondence with Charles Peirce**

**Pietarinen, Ahti-Veikko** Semiotica 2013 / p. 139-161 [https://www.researchgate.net/publication/272264511\\_Christine\\_Ladd-Franklin%27s\\_and\\_Victoria\\_Welby%27s\\_correspondence\\_with\\_Charles\\_Peirce](https://www.researchgate.net/publication/272264511_Christine_Ladd-Franklin%27s_and_Victoria_Welby%27s_correspondence_with_Charles_Peirce)

**Clinical equipoise and moral leeway : an epistemological stance**

**Chiffi, Daniele; Pietarinen, Ahti-Veikko** Topoi 2019 / p. 447-456 <https://doi.org/10.1007/s11245-017-9529-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Conjectures and abductive reasoning in games**

**Pietarinen, Ahti-Veikko** Journal of applied logics : IfCoLog journal of logics and their applications 2018 / p. 1121-1143 <https://doi.org/10.13140/RG.2.2.32685.18409>

**Continuity, connectivity and regularity in spatial diagrams for N terms**

**Moktefi, Amirouche; Bellucci, Francesco; Pietarinen, Ahti-Veikko** DLAC 2013 : Diagrams, Logic and Cognition : proceedings of the First International Workshop on Diagrams, Logic and Cognition : Kolkata, India, October 28-29, 2013 2013 / p. 31-35 : ill <https://ceur-ws.org/Vol-1132/paper5.pdf> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Correction to: On the Logical Philosophy of Assertive Graphs (Journal of Logic, Language and Information, (2020), 29, 4, (375-397), 10.1007/s10849-020-09315-6)**

**Chiffi, Daniele; Pietarinen, Ahti-Veikko** Journal of Logic, Language and Information 2020 / p. 399 <https://doi.org/10.1007/s10849-020-09316-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Definitory and strategic rules in ethics**

**Gustafsson, Juuso-Ville; Pietarinen, Ahti-Veikko** 15th Congress of Logic, Methodology and Philosophy of Science CLMPS 2015 : University of Helsinki, 3-8 August 2015 : book of abstracts 2015 / p. 497-498 [http://clmps.helsinki.fi/materials/CLMPS\\_LC\\_book%20of%20abstracts%2029.7.2015.pdf](http://clmps.helsinki.fi/materials/CLMPS_LC_book%20of%20abstracts%2029.7.2015.pdf)

**Diagrammatic autarchy : linear diagrams in the 17th and 18th centuries**

**Bellucci, Francesco; Moktefi, Amirouche; Pietarinen, Ahti-Veikko** DLAC 2013 : Diagrams, Logic and Cognition : proceedings of the First International Workshop on Diagrams, Logic and Cognition : Kolkata, India, October 28-29, 2013 2013 / p. 26-30 : ill [https://www.researchgate.net/publication/280098290\\_Diagrammatic\\_Autarchy\\_Linear\\_diagrams\\_in\\_the\\_17th\\_and\\_18th\\_centuries](https://www.researchgate.net/publication/280098290_Diagrammatic_Autarchy_Linear_diagrams_in_the_17th_and_18th_centuries) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Diagrammatic Representation and Inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings**

2020 <https://doi.org/10.1007/978-3-030-54249-8>

**Diagrams or rubbish**

**Pietarinen, Ahti-Veikko** Charles Sanders Peirce in his own words : 100 years of semiotics, communication and cognition 2014 / p. 115-120

**Division of signs**

**Peirce, Charles S.; Pietarinen, Ahti-Veikko** Sign systems studies = Töid märgisüsteemide alalt = Труды по знаковым системам 2015 / p. 651-662 : ill <https://doi.org/10.12697/SSS.2015.43.4.16> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**A dynamic approach to Peirce's interrogative construal of abductive logic**

**Ma, Minghui; Pietarinen, Ahti-Veikko** IfCoLog journal of logics and their applications. Vol. 3, no. 1, Special issue frontiers of abduction 2016 / p. 73-104 <http://www.collegepublications.co.uk/downloads/ifcolog00005.pdf>

**Editorial preface**

**Pietarinen, Ahti-Veikko** Synthese 2015 / p. 877-879 <http://dx.doi.org/10.1007/s11229-014-0656-2>

**Existential graphs as an instrument of logical analysis : part I. Alpha**

**Bellucci, Francesco; Pietarinen, Ahti-Veikko** The review of symbolic logic 2016 / p. 209-237 : ill <https://doi.org/10.1017/S1755020315000362> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Exploring the beta quadrant**

**Pietarinen, Ahti-Veikko** Synthese 2015 / p. 941-970 : ill <https://doi.org/10.1007/s11229-015-0677-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Extensions of Charles S. Peirce : an interview with Ahti-Veikko Pietarinen**

**Pietarinen, Ahti-Veikko** 符号与传媒 = Signs & Media 2014 / p. 48-67

<http://www.semiotics.net.cn/userfiles/images/4f0c594fb6329e7d4f7607215388f395.pdf>

## **Extensions of Euler diagrams in Peirce's four manuscripts on logical graphs**

**Pietarinen, Ahti-Veikko** Diagrammatic Representation and Inference : 9th International Conference, Diagrams 2016, Philadelphia, PA, USA, August 7-10, 2016 : proceedings 2016 / p. 139-154 : ill [https://doi.org/10.1007/978-3-319-42333-3\\_11](https://doi.org/10.1007/978-3-319-42333-3_11) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

## **Foreword**

**Pietarinen, Ahti-Veikko** Logic of the future : writings on existential graphs. Part 1: The Logical Tracts 2021 / p. XV-XVII

<https://doi.org/10.1515/9783110651423-205>

## **Foreword**

**Mürsepp, Peeter**; Mets, Ave; **Pietarinen, Ahti-Veikko** Acta Baltica historiae et philosophiae scientiarum 2020 / p. 3-4

<https://doi.org/10.11590/abhps.2020.2.00> [https://www.ies.ee/bahps/acta-baltica/abhps-8-2/00\\_Foreword-2020-2-00.pdf](https://www.ies.ee/bahps/acta-baltica/abhps-8-2/00_Foreword-2020-2-00.pdf)

## **Foreword**

**Pietarinen, Ahti-Veikko** Logic of the future : writings on existential graphs. Volume 1. History and applications 2020 / p. XV-XVI

<https://www.degruyter.com/downloadpdf/book/9783110651409/10.1515/9783110651409-204.xml> <https://doi.org/10.1515/9783110651409-204>

## **Frege and Peirce on the signs of generality**

**Pietarinen, Ahti-Veikko**; Bellucci, Francesco 6th World Congress and School on Universal Logic, UNILog'2018, June 16–26, 2018 2018 / p. 266-268 : ill <http://www.uni-log.org/pro2018/HANDBOOK-UNILog2018.pdf>

## **From knowability to conjecturability**

Chiffi, Daniele; **Pietarinen, Ahti-Veikko** Contemporary Pragmatism 2020 / p. 205 - 227 <https://doi.org/10.1163/18758185-01701160>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **From Mitchell to Carus : fourteen years of logical graphs in the making**

**Bellucci, Francesco**; **Pietarinen, Ahti-Veikko** Transactions of the Charles S. Peirce Society 2016 / p. 539-575

<https://doi.org/10.2979/trancharpeirsoc.52.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Fundamental uncertainty and values**

**Chiffi, Daniele**; **Pietarinen, Ahti-Veikko** Philosophia 2017 / p. 1027-1037 : ill <https://doi.org/10.1007/s11406-017-9865-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Gamma graph calculi for modal logics**

Ma, Minghui; **Pietarinen, Ahti-Veikko** Synthese 2018 / p. 3621–3650 : ill <https://doi.org/10.1007/s11229-017-1390-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **General Introduction to Logic of the Future**

**Pietarinen, Ahti-Veikko** Logic of the future : writings on existential graphs. Volume 1. History and applications 2020 / p. 1-13

<https://doi.org/10.1515/9783110651409-001>

## **A graphical deep inference system for intuitionistic logic**

**Pietarinen, Ahti-Veikko**; Ma, Minghui Logique et analyse 2019 / p. 73-114 <https://doi.org/10.2143/LEA.245.0.3285706> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Graphical sequent calculi for modal logics**

Ma, Minghui; **Pietarinen, Ahti-Veikko** Electronic proceedings in theoretical computer science 2017 / p. 91-103

<https://doi.org/10.4204/EPTCS.243.7> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **Guessing at the unknown unknowns**

**Pietarinen, Ahti-Veikko** Contemporary Philosophy in the Age of Globalization : Hawai'i Conference. Vol. 3 2014 / p. 87-100

## **H. Paul Grice's lecture notes on Charles S. Peirce's theory of signs**

**Pietarinen, Ahti-Veikko**; Bellucci, Francesco International review of pragmatics 2016 / p. 82-129 <https://doi.org/10.1163/18773109-00701006> [Journal metrics at Scopus](#) [Article at Scopus](#)

## **Habits of reasoning : on the grammar and critics of logical habits**

**Pietarinen, Ahti-Veikko**; Bellucci, Francesco Consensus on Peirce's concept of habit : before and beyond consciousness 2016 /

p. 265-282 [https://doi.org/10.1007/978-3-319-45920-2\\_15](https://doi.org/10.1007/978-3-319-45920-2_15) [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **Hintikka memorial issue : introduction and remarks on Jaakko Hintikka's logical philosophy**

**Pietarinen, Ahti-Veikko** Logica Universalis 2019 / p. 137–145 <https://doi.org/10.1007/s11787-019-00222-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Icons, interrogations, and graphs: On Peirce's integrated notion of abduction**

**Pietarinen, Ahti-Veikko**; Bellucci, Francesco Transactions of the Charles S. Peirce Society 2020 / p. 43-61  
<https://doi.org/10.2979/trancharpeirsoc.56.1.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Imagination, cognition, and methods of science in Peircean abduction**

**Pietarinen, Ahti-Veikko**; Bellucci, Francesco Handbook of Abductive Cognition 2023 / p. 229 - 244 [https://doi.org/10.1007/978-3-031-10135-9\\_6](https://doi.org/10.1007/978-3-031-10135-9_6)

### **In Memoriam Professor Ülo Kaevats [29.09.1947-30.01.2015]**

Vihalemm, Rein; **Mürsepp, Peeter**; **Pietarinen, Ahti-Veikko** Acta Baltica historiae et philosophiae scientiarum 2015 / p. 119-123  
<http://dx.doi.org/10.11590/abhps.2015.1.09>

### **Introduction : history and philosophy of logical notation**

Bellucci, Francesco; **Moktefi, Amirouche**; **Pietarinen, Ahti-Veikko** History and philosophy of logic 2018 / p. 1-2  
<https://doi.org/10.1080/01445340.2017.1372881> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Introduction to the Theory of Existential Graphs and Volume 1**

**Pietarinen, Ahti-Veikko** Logic of the future : writings on existential graphs. Volume 1. History and applications 2020 / p. 14-36  
<https://doi.org/10.1515/9783110651409-002>

### **Introduction to the Theory of Existential Graphs, Volumes 2/1 and 2/2**

**Pietarinen, Ahti-Veikko** Logic of the future : writings on existential graphs. Part 1: The Logical Tracts 2021 / p. 15-68  
<https://doi.org/10.1515/9783110651423-002>

### **Introduction to the Theory of Existential Graphs, Volumes 2/1 and 2/2**

**Pietarinen, Ahti-Veikko** Logic of the future : writings on existential graphs. Part 2: The 1903 Lowell Lectures 2021 / p. 15-28  
<https://doi.org/10.1515/9783110740462-002>

### **Introduction to Volume 2/1: The Logical Tracts**

**Pietarinen, Ahti-Veikko** Logic of the future : writings on existential graphs. Part 2: The 1903 Lowell Lectures 2021 / p. 69-100  
<https://doi.org/10.1515/9783110651423-003>

### **Introduction to Volume 2/2: The 1903 Lowell Lectures**

**Pietarinen, Ahti-Veikko** Logic of the future : writings on existential graphs. Part 2: The 1903 Lowell Lectures 2021 / p. 29-117  
<https://doi.org/10.1515/9783110740462-003>

### **Is ethical normativity similar to logical normativity?**

Gustafsson, Juuso-Ville; **Pietarinen, Ahti-Veikko** Consensus on Peirce's Concept of Habit: Before and Beyond Consciousness 2016 / p. 123 - 142 [https://doi.org/10.1007/978-3-319-45920-2\\_8](https://doi.org/10.1007/978-3-319-45920-2_8) [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Is there a general diagram concept?**

**Pietarinen, Ahti-Veikko** Thinking with diagrams : the semiotic basis of human cognition 2016 / p. 121-137

### **Jin Yuelin's Simplification of Venn Diagrams**

Liu, Xinwen; **Pietarinen, Ahti-Veikko** Diagrammatic Representation and Inference : 12th International Conference, Diagrams 2021, Virtual, September 28–30, 2021 : proceedings 2021 / p. 260-263 [https://doi.org/10.1007/978-3-030-86062-2\\_26](https://doi.org/10.1007/978-3-030-86062-2_26) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Let us investigate! Dynamic conjecture-making as the formal logic of abduction**

Ma, Minghui; **Pietarinen, Ahti-Veikko** Journal of philosophical logic 2018 / [33] p. : ill <https://doi.org/10.1007/s10992-017-9454-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Logic of the future : writings on existential graphs. Part 2: The 1903 Lowell Lectures**

Peirce, Charles S. 2021 <https://doi.org/10.1515/9783110740462>

### **Logic of the future : writings on existential graphs. Part 1: The Logical Tracts**

Peirce, Charles S. 2021 <https://www.degruyter.com/document/doi/10.1515/9783110651423/html#contents>  
<https://doi.org/10.1515/9783110651423>

### **Logic of the future : writings on existential graphs. Volume 1. History and applications**

Peirce, Charles S. 2020 <https://doi.org/10.1515/9783110651409>

### **Logical and linguistic games from Peirce to Grice to Hintikka**



**Pietarinen, Ahti-Veikko** Teorema 2014 / p. 121-136 <https://www.jstor.org/stable/43047612?seq=1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Logical consequence in the diagrammatic system of assertive graphs [Online resource]**

**Chiffi, Daniele; Pietarinen, Ahti-Veikko** Handbook of the 6th World Congress and School on Universal Logic 2018 / p. 262-263 <http://www.uni-log.org/pro2018/HANDBOOK-UNILOG2018.pdf>

**Meaning and affect in placebo effect**

**Chiffi, Daniele; Pietarinen, Ahti-Veikko; Grecucci, Alessandro** Journal of medicine and philosophy 2020 / 27 p <https://ws.lib.ttu.ee/digibase/Publ/Item/4c06b6c3-6945-4f1f-8430-08c06c7cb2bd>

**Meaning and affect in the placebo effect**

Chiffi, Daniele; **Pietarinen, Ahti-Veikko; Grecucci, Alessandro** The Journal of Medicine and Philosophy : A Forum for Bioethics and Philosophy of Medicine 2021 / p. 313–329 <https://doi.org/10.1093/jmp/jhab002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Methodetic of abduction**

Bellucci, Francesco; Pietarinen, Ahti-Veikko Abduction in Cognition and Action 2021 / p. 107–127 [https://doi.org/10.1007/978-3-030-61773-8\\_5](https://doi.org/10.1007/978-3-030-61773-8_5)

**Misrepresentation in "misrepresentation in context" in context**

**Pietarinen, Ahti-Veikko** Foundations of science 2014 / p. 381-386 <https://doi.org/10.1007/s10699-014-9379-6> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Mutual insights on Peirce and Husserl**

**Pietarinen, Ahti-Veikko; Shafiei, Mohammad; Stjernfelt, Frederik** Peirce and Husserl : mutual insights on logic, mathematics and cognition 2019 / p. 3-15 [https://doi.org/10.1007/978-3-030-25800-9\\_1](https://doi.org/10.1007/978-3-030-25800-9_1)

**Natural arguments : a tribute to John Woods**

2019 <https://www.collegepublications.co.uk/tributes/?00040>

**Natural propositions naturalized : Stjernfelt, Frederik. 2014. Natural propositions - the actuality of Peirce's doctrine of dicisign. Boston: Docent Press : book review**

**Pietarinen, Ahti-Veikko** Cognitive semiotics 2014 / p. 297-303

**Negative terms in Euler diagrams : Peirce's solution**

**Moktefi, Amirouche; Pietarinen, Ahti-Veikko** Diagrammatic Representation and Inference : 9th International Conference, Diagrams 2016, Philadelphia, PA, USA, August 7-10, 2016 : proceedings 2016 / p. 286-288 : ill [https://doi.org/10.1007/978-3-319-42333-3\\_25](https://doi.org/10.1007/978-3-319-42333-3_25) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**New light on Peirce's conceptions of retroduction, deduction, and scientific reasoning**

**Pietarinen, Ahti-Veikko; Bellucci, Francesco** International studies in the philosophy of science 2014 / p. 353-373 <https://doi.org/10.1080/02698595.2014.979667> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Notational differences**

Bellucci, Francesco; **Pietarinen, Ahti-Veikko** Acta Analytica 2020 / p. 289-314 <https://doi.org/10.1007/s12136-020-00425-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On linear existential graphs**

Bellucci, Francesco; Liu, Xinwen; **Pietarinen, Ahti-Veikko** Logique et Analyse 2020 / p. 261 - 296 <https://doi.org/10.2143/LEA.251.0.3288641> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On the diagrammatic representation of existential statements with Venn diagrams**

**Moktefi, Amirouche; Pietarinen, Ahti-Veikko** Journal of logic, language and information 2015 / p. 361-374 : ill <https://doi.org/10.1007/s10849-015-9228-1> [Journal metrics at Scopus](#) [Article at Scopus](#)

**On the logical philosophy of assertive graphs**

**Chiffi, Daniele; Pietarinen, Ahti-Veikko** Journal of logic, language and information 2020 / 21 p <https://doi.org/10.1007/s10849-020-09315-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On the possibilities of philosophical research : remembering Jaakko Hintikka (1929-2015)**

**Pietarinen, Ahti-Veikko** Acta Baltica historiae et philosophiae scientiarum 2016 / p. 132-155 [http://www.ester.ee/record=b2941458\\*est](http://www.ester.ee/record=b2941458*est) <https://doi.org/10.11590/abhps.2016.1.07> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Overcoming substantivism-determinism with pragmatist philosophy of technology**

**Pietarinen, Ahti-Veikko** Acta Baltica historiae et philosophiae scientiarum 2020 / p. 144-155 <https://doi.org/10.11590/abhps.2020.2.09>

**Peirce : 5 questions**

2014

**Peirce and Deacon on the meaning and evolution of language**

**Pietarinen, Ahti-Veikko** The symbolic species evolved 2012 / p. 65-80 [https://link.springer.com/chapter/10.1007/978-94-007-2336-8\\_4](https://link.springer.com/chapter/10.1007/978-94-007-2336-8_4)

**Peirce and diagrams : two contributors to an actual discussion review each other**

**Pietarinen, Ahti-Veikko**; Stjernfelt, Frederik Synthese 2015 / p. 1073-1088 <http://dx.doi.org/10.1007/s11229-015-0658-8>

**Peirce and Husserl : mutual insights on logic, mathematics and cognition**

2019 <https://doi.org/10.1007/978-3-030-25800-9>

**Peirce and the logic of image**

**Pietarinen, Ahti-Veikko** Semiotica 2012 / p. 251-261

[https://www.researchgate.net/publication/271417244\\_Peirce\\_and\\_the\\_logic\\_of\\_image](https://www.researchgate.net/publication/271417244_Peirce_and_the_logic_of_image)

**Peirce on assertion : preface to the symposium**

**Bellucci, Francesco**; **Chiffi, Daniele**; **Pietarinen, Ahti-Veikko** Transactions of the Charles S. Peirce Society : a quarterly journal in American philosophy 2021 / p. 205-209 <https://doi.org/10.2979/trancharpeirsoc.57.2.03> <https://www.muse.jhu.edu/article/811506> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Peirce on mathematical reasoning and discovery**

**Pietarinen, Ahti-Veikko** Handbook of cognitive mathematics 2021 / p. 1-32 : ill [https://doi.org/10.1007/978-3-030-44982-7\\_51-1](https://doi.org/10.1007/978-3-030-44982-7_51-1)

**Peirce on the justification of abduction**

**Bellucci, Francesco**; **Pietarinen, Ahti-Veikko** Studies in history and philosophy of science Part A 2020 / p. 12-19

<https://doi.org/10.1016/j.shpsa.2020.04.003> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Peirce's abduction**

**Bellucci, Francesco**; **Pietarinen, Ahti-Veikko** Handbook of Abductive Cognition 2023 / p. 7-20 [https://doi.org/10.1007/978-3-031-10135-9\\_7](https://doi.org/10.1007/978-3-031-10135-9_7)

**Peirce's diagrammatic reasoning and abduction**

**Pietarinen, Ahti-Veikko** Handbook of Abductive Cognition 2023 / p. 741 - 759 [https://doi.org/10.1007/978-3-031-10135-9\\_43](https://doi.org/10.1007/978-3-031-10135-9_43)

**Peirce's diagrammatic solutions to 'Peirce's Puzzle'**

**Pietarinen, Ahti-Veikko** Diagrammatic Representation and Inference : 12th International Conference, Diagrams 2021, Virtual, September 28-30, 2021 : proceedings 2021 / p. 246-250 : ill [https://doi.org/10.1007/978-3-030-86062-2\\_23](https://doi.org/10.1007/978-3-030-86062-2_23) Conference Proceedings at Scopus Article at Scopus Conference Proceedings at WOS Article at WOS

**Peirce's existential graphs and the logic of string diagrams = Peirce'i eksistentsiaalsed graafid ja nõõridiagrammide loogika**

**Haydon, Nathan Joseph** 2024 [https://www.ester.ee/record=b5685581\\*est](https://www.ester.ee/record=b5685581*est) <https://digikogu.taltech.ee/et/Item/f7f55e15-7a58-4e7f-a112-910d6a943f7f> <https://doi.org/10.23658/taltech.31/2024>

**Peirce's calculi for classical propositional logic**

**Ma, Minghui**; **Pietarinen, Ahti-Veikko** The review of symbolic logic 2020 / p. 509 - 540 <https://doi.org/10.1017/S1755020318000187> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Peirce's Dragon-Head Logic (R 501, 1901)**

**Ma, Minghui**; **Pietarinen, Ahti-Veikko** Archive for History of Exact Sciences volume 2022 / p. 261-317 <https://doi.org/10.1007/s00407-021-00285-0> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Peirce's sequent proofs of distributivity**

**Ma, Minghui**; **Pietarinen, Ahti-Veikko** Logic and Its Applications : 7th Indian Conference, ICLA 2017, Kanpur, India, January 5-7, 2017 : proceedings 2017 / p. 168-182 [https://doi.org/10.1007/978-3-662-54069-5\\_13](https://doi.org/10.1007/978-3-662-54069-5_13) Conference proceedings at Scopus Article at Scopus Article at WOS

**Phaneroscopy and theory of signs as theory of cognition**

**Pietarinen, Ahti-Veikko**; **Issajeva, Jelena** Peirce and Husserl : mutual insights on logic, mathematics and cognition 2019 / p. 199-219 [https://doi.org/10.1007/978-3-030-25800-9\\_11](https://doi.org/10.1007/978-3-030-25800-9_11)

**Pragmaticism as a logical study of consciousness**

**Pietarinen, Ahti-Veikko** Cognitive semiotics 2021 / p. 29–46 <https://doi.org/10.1515/cogsem-2021-2037> [Journal metrics at Scopus](#)  
[Article at Scopus](#)

#### **Pragmaticism as a philosophy of cognitive mathematics**

**Pietarinen, Ahti-Veikko** Handbook of Cognitive Mathematics 2021 / p. 1-38 [https://doi.org/10.1007/978-3-030-44982-7\\_22-1](https://doi.org/10.1007/978-3-030-44982-7_22-1)

#### **Pragmaticism revisited : co-evolution and the methodology of social sciences**

**Pietarinen, Ahti-Veikko** Cognito 2013 / p. 123-136

#### **Precision medicine and diseases as natural kinds: An epistemological dilemma**

**Pietarinen, Ahti-Veikko**; Stanley, Donald E. Journal of evaluation in clinical practice 2022 / p. 835-842

<https://doi.org/10.1111/jep.13707> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Preface**

**Pietarinen, Ahti-Veikko**; Chapman, Peter; Bosveld-de Smet, Leonie Diagrammatic Representation and Inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. v - vi <https://doi.org/10.1007/978-3-030-54249-8> [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **Preface and editorial**

**Gabbay, Dov; Magnani, Lorenzo; Park, Woosuk; Pietarinen, Ahti-Veikko** Natural arguments : a tribute to John Woods 2019 / p. 1-32 <https://www.collegepublications.co.uk/tributes/?00040>

#### **Proof analysis of Peirce's alpha system of graphs**

Ma, Minghui; **Pietarinen, Ahti-Veikko** Studia logica 2017 / p. 625-647 : ill <https://doi.org/10.1007/s11225-016-9703-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Recent studies on signs : commentary and perspectives**

**Pietarinen, Ahti-Veikko** Sign systems studies = Töid märgisüsteemide alalt = Труды по знаковым системам 2015 / p. 616-650

<https://doi.org/10.12697/SSS.2015.43.4.15> [https://www.ester.ee/record=b1331700\\*est](https://www.ester.ee/record=b1331700*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Reinvigorating the nineteenth century scientific method : a Peirce-pective on science**

**Pietarinen, Ahti-Veikko**; Beni, Majid D. Perspectives on Science 2023 / p. 684-715 [https://doi.org/10.1162/posc\\_a\\_00605](https://doi.org/10.1162/posc_a_00605) [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **The representation of negative terms with Euler diagrams**

Bhattacharjee, Reetu; **Moktefi, Amirouche; Pietarinen, Ahti-Veikko** Logic in Question : Talks from the Annual Sorbonne Logic Workshop (2011- 2019) 2023 / p. 43-58 [https://doi.org/10.1007/978-3-030-94452-0\\_3](https://doi.org/10.1007/978-3-030-94452-0_3) [Article collection metrics at Scopus](#) [Article at Scopus](#)

#### **Residuation in existential graphs**

**Haydon, Nathan Joseph; Pietarinen, Ahti-Veikko** Diagrammatic Representation and Inference : 12th International Conference, Diagrams 2021, Virtual, September 28–30, 2021 : proceedings 2021 / p. 229–237 [https://doi.org/10.1007/978-3-030-86062-2\\_21](https://doi.org/10.1007/978-3-030-86062-2_21) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

#### **Risk and values in science: a Peircean view**

**Chiffi, Daniele; Pietarinen, Ahti-Veikko** Axiomathes 2019 / p. 329–346 <https://doi.org/10.1007/s10516-019-09419-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **A road to the philosophy of iconic communication**

**Pietarinen, Ahti-Veikko** The power of the image : emotion, expression, explanation 2014 / p. 47-60

#### **A scholastic-realist modal-structuralism**

**Pietarinen, Ahti-Veikko** Logic and philosophy of science in Nancy. (I) : selected contributed papers from the 14th International Congress of Logic, Methodology and Philosophy of Science 2014 / p. 127-138 : ill <https://doi.org/10.4000/philosophiascientiae.978> [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **Semeiotic completeness in the theory of signs**

**Pietarinen, Ahti-Veikko** Semiotica 2019 / p. 237–257 <https://doi.org/10.1515/sem-2018-0151> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Semiotics in mathematics and logic**

**Pietarinen, Ahti-Veikko**; Stjernfelt, Frederik Bloomsbury Semiotics Volume 2: Semiotics in the Natural and Technical Sciences 2022 / p. 13-14 <https://doi.org/10.5040/9781350139350.ch-1>

**Sign systems studies = Tõid märgisüsteemide alalt = Труды по знаковым системам. Vol. 43, No. 4, Special issue : Peirce's theory of signs**

2015 <http://sss.ut.ee/index.php/sss/issue/view/43.4> [http://www.ester.ee/record=b1331700\\*est](http://www.ester.ee/record=b1331700*est)

**Signs systematically studied : invitation to Peirce's theory**

**Pietarinen, Ahti-Veikko** Sign systems studies = Tõid märgisüsteemide alalt = Труды по знаковым системам 2015 / p. 372-398  
<https://doi.org/10.12697/SSS.2015.43.4.01> [https://www.ester.ee/record=b4554246\\*est](https://www.ester.ee/record=b4554246*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**A sign-theoretic study of mental imagery = Kujutluse märgiteoreetiline käsitus**

**Družinina, Jelena** 2019 <https://digi.lib.ttu.ee/?12838>

**Simplex sigillum veri : Peano, Frege, and Peirce on the primitives of logic**

**Bellucci, Francesco; Moktefi, Amirouche; Pietarinen, Ahti-Veikko** History and philosophy of logic 2018 / p. 80-95 : ill  
<https://doi.org/10.1080/01445340.2017.1358414> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Some logical notations for pragmatic assertions**

**Carrara, Massimiliano; Chiffi, Daniele; Pietarinen, Ahti-Veikko** Logique et Analyse 2020 / p. 297-315  
<https://doi.org/10.2143/LEA.251.0.3288642> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Special Issue: Hintikka Memorial Issue**

2019 <https://link.springer.com/journal/11787/13/2>

**Synthese. Vol. 192, 4, Special section on Peirce's logic and philosophy of language**

2015

**The beauty of graphs**

**Pietarinen, Ahti-Veikko** Diagrammatic Representation and Inference : 10th International Conference, Diagrams 2018, Edinburgh, UK, June 18–22, 2018 : proceedings 2018 / p. 9-12 [https://doi.org/10.1007/978-3-319-91376-6\\_2](https://doi.org/10.1007/978-3-319-91376-6_2) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**The extended Gabbay-Woods schema and scientific practices**

**Chiffi, Daniele; Pietarinen, Ahti-Veikko** Natural arguments : a tribute to John Woods 2019 / p. 331–348  
<https://www.collegepublications.co.uk/tributes/?00040> [https://www.academia.edu/38335940/The\\_Extended\\_Gabbay-Woods\\_Schema\\_and\\_Scientific\\_Practices](https://www.academia.edu/38335940/The_Extended_Gabbay-Woods_Schema_and_Scientific_Practices)

**The iconic moment. Towards a Peircean theory of diagrammatic imagination**

**Pietarinen, Ahti-Veikko; Bellucci, Francesco** Epistemology, knowledge and the impact of interaction 2016 / p. 463-481  
[http://dx.doi.org/10.1007/978-3-319-26506-3\\_21](http://dx.doi.org/10.1007/978-3-319-26506-3_21)

**The science to save us from philosophy of science**

**Pietarinen, Ahti-Veikko** Axiomathes 2015 / p. 149-166 <https://doi.org/10.1007/s10516-014-9261-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**The second Metaphysical Club and its impact on American sciences**

**Pietarinen, Ahti-Veikko** The Commens working papers : preprints, research reports and scientific communications 2014 / p. 1-26 : ill

**Thoughts, things and logical guidance**

**Bobrova, Angelina; Pietarinen, Ahti-Veikko** Peirce and Husserl : mutual insights on logic, mathematics and cognition 2019 / p. 43-58 [https://doi.org/10.1007/978-3-030-25800-9\\_3](https://doi.org/10.1007/978-3-030-25800-9_3)

**To Peirce Hintikka's thoughts**

**Pietarinen, Ahti-Veikko** Logica Universalis 2019 / p. 241–262 <https://doi.org/10.1007/s11787-018-0203-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**To Peirce Hintikka's Thoughts [Online resource]**

**Pietarinen, Ahti-Veikko** Handbook of the 6th World Congress and School on Universal Logic 2018 / p. 152 <http://www.uni-log.org/pro2018/HANDBOOK-UNILog2018.pdf>

**Tracking the diagrammatic turn in recent philosophy of notation**

**Champagne, Marc; Bellucci, Francesco; Burton, James; Stjernfelt, Frederik; Pietarinen, Ahti-Veikko** 15th Congress of Logic, Methodology and Philosophy of Science CLMPS 2015 : University of Helsinki, 3-8 August 2015 : book of abstracts 2015 / p. 171-174  
[http://clmps.helsinki.fi/materials/CLMPS\\_LC\\_book%20of%20abstracts%2029.7.2015.pdf](http://clmps.helsinki.fi/materials/CLMPS_LC_book%20of%20abstracts%2029.7.2015.pdf)

**Two cognitive systems, two implications, and selection tasks**



Bobrova, Angelina; **Pietarinen, Ahti-Veikko** Software Engineering and Formal Methods : SEFM 2019 Collocated Workshops: CoSim-CPS, ASYDE, CIFMA, and FOCLASA, Oslo, Norway, September 16–20, 2019, Revised Selected Papers 2020 / p. 195 - 205 [https://doi.org/10.1007/978-3-030-57506-9\\_15](https://doi.org/10.1007/978-3-030-57506-9_15) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at Scopus](#) [Article at WOS](#)

### **Two dogmas of diagrammatic reasoning : a view from existential graphs**

**Pietarinen, Ahti-Veikko; Bellucci, Francesco** Peirce on perception and reasoning : from icons to logic 2017 / p. 160-180

### **Two implications and dual-process theories of reasoning**

Bobrova, Angelina; **Pietarinen, Ahti-Veikko** Diagrammatic representation and inference : 11th International Conference, Diagrams 2020, Tallinn, Estonia, August 24–28, 2020 : proceedings 2020 / p. 239-243 [https://doi.org/10.1007/978-3-030-54249-8\\_19](https://doi.org/10.1007/978-3-030-54249-8_19) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

### **Two papers on existential graphs by Charles Peirce**

**Pietarinen, Ahti-Veikko** Synthese 2015 / p. 881-922 : ill <http://dx.doi.org/10.1007/s11229-014-0498-y>

### **We don't know we don't know : asserting ignorance**

**Carrara, Massimiliano; Chiffi, Daniele; De Florio, Ciro; Pietarinen, Ahti-Veikko** Synthese 2021 / p. 3565–3580 <https://doi.org/10.1007/s11229-019-02300-y>

### **We don't know we don't know : asserting ignorance**

**Carrara, Massimiliano; Chiffi, Daniele; De Florio, Ciro; Pietarinen, Ahti-Veikko** Knowing the Unknown : Philosophical Perspectives on Ignorance; Synthese 2019 / 15 p <https://doi.org/10.1007/s11229-019-02300-y>

### **A Weakening of Alpha graphs : quasi-Boolean algebras**

**Pietarinen, Ahti-Veikko; Ma, Minghui** Diagrammatic Representation and Inference : 10th International Conference, Diagrams 2018, Edinburgh, UK, June 18–22, 2018 : proceedings 2018 / p. 549-564 [https://doi.org/10.1007/978-3-319-91376-6\\_50](https://doi.org/10.1007/978-3-319-91376-6_50) [Conference Proceedings at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **Venn diagrams with “Most”: a natural logic approach**

**Liu, Xinwen; Pietarinen, Ahti-Veikko** Diagrammatic Representation and Inference : 12th International Conference, Diagrams 2021, Virtual, September 28–30, 2021 : proceedings 2021 / p. 264–268 : ill [https://doi.org/10.1007/978-3-030-86062-2\\_27](https://doi.org/10.1007/978-3-030-86062-2_27) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

### **What your computer still can't know : a refutation of Bringsjord's refutation of Searle's refutation of Bostrom and Floridi**

**Pietarinen, Ahti-Veikko** What Social Robots Can and Should Do : proceedings of Robophilosophy 2016 / TRANSOR 2016 2016 / p. 280-290 <https://doi.org/10.3233/978-1-61499-708-5-280> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Why images cannot be arguments, but moving ones might**

**Champagne, Marc; Pietarinen, Ahti-Veikko** Argumentation 2020 / p. 207–236 <https://doi.org/10.1007/s10503-019-09484-0>

### **Why is the normativity of logic based on rules?**

**Pietarinen, Ahti-Veikko** The normative thought of Charles S. Peirce 2012 / p. 172-184 [https://www.researchgate.net/publication/365906369\\_8\\_Why\\_Is\\_the\\_Normativity\\_of\\_Logic\\_Based\\_on\\_Rules](https://www.researchgate.net/publication/365906369_8_Why_Is_the_Normativity_of_Logic_Based_on_Rules)