

Bahram Assadian

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I am a Postdoctoral Research Fellow at the Center for Logic, Language and Cognition (LLC), Department of Philosophy and Education, at the University of Turin (2022-3). I'll be a Marie Curie (UKIR) Fellow in the School of Philosophy, Religion and History of Science, University of Leeds (2023-5). My project explores an abstractionist treatment of mathematical structuralism.

Previously, I have held positions as a Lecturer in the Department of Philosophy at the University of Bristol (2021-2), a Lecturer in the Department of Philosophy and the Institute for Logic, Language and Computation (ILLC) at the University of Amsterdam (2018-21), and a Visiting Lecturer in the Department of Philosophy, University of Hertfordshire (2017-8).

I received my PhD from the Department of Philosophy at Birkbeck College, University of London, in 2016 under the supervision of Keith Hossack, Øystein Linnebo, and Ian Rumfitt.

My main research interests are in the philosophy of mathematics, the philosophy of language, and metaphysics. I am particularly interested in mathematical structuralism, abstractionism, and (mathematical) singular reference. I also have active research interests in vagueness, indeterminacy, and the metaphysics of abstract objects.

Papers

Performative reference

2023 (with Giorgio Sbardolini). *Synthese*
Abstraction and semantic presuppositions

2023. *Analysis*

Linnebo on reference by abstraction

2023. *Analytic Philosophy*

The insubstantiality of mathematical objects as positions in structures

2022. *Inquiry: An Interdisciplinary Journal of Philosophy*

Mathematical structures, universals, and singular terms

2022 in *Knowledge, Number, and Reality; Encounters with the Work of Keith Hossack* (Chapter 13, pp. 203–16); edited by N. Kürbis, B. Assadian, and J. Nassim; Bloomsbury Academic, London.

Introduction

2022 (with Nils Kürbis and Jonathan Nassim) in *Knowledge, Number, and Reality; Encounters with the Work of Keith Hossack* (pp. 1-29); edited by N. Kürbis, B. Assadian, and J. Nassim; Bloomsbury Academic, London.

Referential deflationism vs. referential indeterminacy

2021; in *Mathematics, Logic and their Philosophies*; (Chapter 13, pp. 364–77); edited by M. Mojathedi, S. Rahman, and M. S. Zarepour; Dordrecht: Springer.

Formal logic in philosophy

Survey article in *Introduction to Philosophy: Logic*; open textbook; edited by Benjamin Martin; Rebus Community, 2020.

Indeterminacy and failure of grounding

2019 (with Jonathan Nassim); *Theoria*. 85 (4): 276–288

Abstractionism and mathematical singular reference

2019; *Philosophia Mathematica*, 27 (2): 177–198.

In defense of utterly indiscernible entities

2018; *Philosophical Studies*. 176 (10): 2551–2561.

Are the natural numbers fundamentally ordinals?

2019 (with Stefan Buijsman); *Philosophy and Phenomenological Research*. 99 (3): 564–580.

The semantic plights of the ante-rem structuralist

2017; *Philosophical Studies*, 175 (12): 3195–3215.

Displacing numbers: on the metaphysics of mathematical structuralism

2016, Ph.D. Dissertation, Birkbeck College, University of London

Edited Volume

2022. *Knowledge, Number and Reality; Encounters with the Work of Keith Hossack*; co-editor with Nils Kürbis and Jonathan Nassim; Bloomsbury Press.

Book Reviews

Abstractionism: Essays in Philosophy of Mathematics, edited by Philip A. Ebert and Marcus Rossberg (OUP, 2016); published in *Analysis* 78, Issue 1, 1 2018: 188–191.

The Metaphysics of Relations, edited by Anna Marmodoro and David Yates (OUP, 2016); published in *Philosophical Quarterly* 67 (269), 2017: 871–874.

Teaching

- Bundle theory for mathematical structuralism
MetaScience Project, Department of Philosophy, University of Bristol
2023, May, 23
- Free logic and abstractionism
Department of Philosophy, University of Uppsala
2023, February, 23
- Free logic and abstractionism
Scuola Universitaria Superiore IUSS Pavia, Philosophy Colloquiums
2023, January, 25
- ‘Cross-structural identities’
Stirling Visiting Speaker seminar
Department of Philosophy, University of Stirling
2022, December, 1
- ‘Cross-structural identities’
Department of Philosophy and Education, University of Turin
2022, November, 9
- ‘The indeterminacy of reference and abstractionism’
Department of Philosophy, University of Bristol, Departmental Research Seminar
2022, May 19
- ‘Structures and structural universals’ (cancelled)
- ‘The Roots of Mathematical Structuralism’ (ERC), University of Vienna
2022, February
- ‘On the alleged necessity of mathematical nominalism’ (joint work with Robert Knowles)
Foundational Studies Bristol (FSB), University of Bristol.
2021, December, 14
- ‘Abstraction principles: arrogance and presuppositions’, in *Propositions, properties, sets, and other abstract objects*, Amsterdam, ILLC.
2020, February, 8
- ‘Abstraction principles: presupposition and numerical existence’, in *Fourth Taiwan Metaphysics Colloquium(TMC-IV)*, National Taiwan University. (Refereed)
2020, January, 8
- ‘Describing the World’, Amsterdam University College (AUC), Guest Lecturer
2019, December, 9
- Roundtable at a workshop on Øystein Linnebo’s *Thin Objects; An Abstractionist Account* (OUP 2018), FISPPA Department, Padova, Italy.
2019, October, 18
- ‘Abstraction principles: arrogance and presuppositions’, Scuola Universitaria Superiore IUSS Pavia, Italy.
2019, October, 23
- ‘What is an *ante-rem* structure?’, Scuola Universitaria Superiore IUSS Pavia, Italy.
2019, October, 24
- ‘Abstraction principles: freedom, arrogance, and presuppositions’, *FilMat Symposium on Abstractionism in the Philosophy of Mathematics*, SIFA 2018, Novara, Italy. (Refereed)
2018, September, 5
- ‘Structure abstraction and pure structures’, in *Varieties of Mathematical Abstraction*, Vienna, Austria. (Refereed)
2018, August, 1
- ‘Cantorian abstraction and (in-)discernibility’, in *Workshop on Mathematics and its Philosophy between the 18th and the 19th Century*, Amsterdam. (Refereed)
2018, July, 13
- ‘Abstraction principles: freedom, arrogance, and presuppositions’, *DIP Colloquium*, ILLC, University of Amsterdam.
2018, May, 18
- ‘Abstraction principles: freedom, arrogance, and presuppositions’, King’s College London.
2018, April, 23
- ‘The semantic plights of the ante-rem structuralist’, MCMP, Munich, Germany.
2017, July, 13
- ‘Abstract structures in mathematics’, *Iranian Association of Logic*, Tehran, Iran.
2015, December, 22
- ‘Abstract structures in mathematics’, *Open Minds XI*, University of Manchester, UK. (Refereed)
2015, December, 4

Response to Walter Dean's 'Soundness, Reflection, and Intensionality', *Birkbeck-Warwick Graduate Workshop*, Warwick, UK. 2013, April, 27

'Crispin Wright and his hero' (On impredicativity in the neo-Fregean programme), *Trends in the Philosophy of Mathematics*, Goethe-University Frankfurt. (Refereed) 2009, September, 12

Lectures (University of Bristol, 2021-2)

Philosophy of Mathematics (BA/MA)

Knowledge and Reality (BA)

Philosophical Writing and Research Seminar (BA)

Lectures (UvA/ILLC, 2018-21)

Metalogic; Intensive Introduction (BA)

Kripke's *Naming and Necessity* (BA)

Realism and Anti-realism (BA)

BA Thesis Supervision: Logic and Realism and Anti-realism (BA)

Philosophy and Model Theory (MSc in Logic, ILLC)

Logic, Information, and Argumentation (AUC)

Ontology and Metaontology (MSc in Logic, ILLC, and MA Philosophy)

Metaphysics (BA)

Teaching Assistance (Birkbeck College London, 2011-15)

Epistemology and Metaphysics (Keith Hossack)

Philosophy of Mathematics (Ian Rumfitt)

Advanced Topics on Metaphysics (Keith Hossack)

Philosophy of Mind and Action (Jennifer Hornsby)

Kant's *Critique of Pure Reason* (James Grant)