

Asst. Prof. MOHAMED KHALED MOHAMED

ISMAIL KHALIFA

Personal Information

Email: mohamed.khalifa@medipol.edu.tr

Web: <https://avesis.medipol.edu.tr/mohamed.khalifa>

International Researcher IDs

ScholarID: yEU3tEoAAAAJ

ORCID: 0000-0001-7057-6353

Publons / Web Of Science ResearcherID: KCJ-8484-2024

ScopusID: 57190839711

Yoksis Researcher ID: 292713

Education Information

Doctorate, Central European University, Department of Mathematics and Its Applications, Hungary 2012 - 2016

Postgraduate, Cairo University, Faculty of Science, Department of Mathematics, Egypt 2009 - 2011

Undergraduate, Cairo University, Faculty of Science, Department of Mathematics, Egypt 2004 - 2008

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, Gödel's incompleteness properties and the guarded fragment: An algebraic approach, Central European University, Department of Mathematics and Its Applications, 2016

Research Areas

Mathematical Logic and Foundations

Published journal articles indexed by SCI, SSCI, and AHCI

I. CONCEPTUAL DISTANCE and ALGEBRAS of CONCEPTS

KHALIFA M. K. M. I., Székely G.

Review of Symbolic Logic, 2024 (SCI-Expanded)

II. DISTANCES between FORMAL THEORIES

Khaled M. K. M. I., Székely G., Lefever K., Friend M.

Review of Symbolic Logic, vol.13, no.3, pp.633-654, 2020 (SCI-Expanded)

- III. **Geometrical representation theorems for cylindric-type algebras**
Khaled M. K. M. I., Sayed Ahmed T.
Quaestiones Mathematicae, vol.43, no.1, pp.81-96, 2020 (SCI-Expanded)
- IV. **Atoms in infinite dimensional free sequence-set algebras**
Khaled M. K. M. I., Némethi I.
Algebra Universalis, vol.80, no.4, 2019 (SCI-Expanded)
- V. **The finitely axiomatizable complete theories of non-associative arrow frames**
Khaled M. K. M. I.
Advances in Mathematics, vol.346, pp.194-218, 2019 (SCI-Expanded)
- VI. **Stone type representation theorems via games**
ASLAN KHALİFA T., Khaled M. K. M. I.
Colloquium Mathematicum, vol.155, no.1, pp.141-155, 2019 (SCI-Expanded)
- VII. **First order logic without equality on relativized semantics**
Banerjee A., Khaled M. K. M. I.
Annals of Pure and Applied Logic, vol.169, no.11, pp.1227-1242, 2018 (SCI-Expanded)
- VIII. **The free non-commutative cylindric algebras are not atomic**
Khaled M. K. M. I.
Logic Journal of the IGPL, vol.25, no.5, pp.673-685, 2017 (SCI-Expanded)
- IX. **General normal forms for any additive logic**
Khaled M. K. M. I.
Studia Scientiarum Mathematicarum Hungarica, vol.54, no.3, pp.394-409, 2017 (SCI-Expanded)
- X. **On complete representations of algebras of logic**
Khaled M. K. M. I., Sayed-Ahmed T.
Logic Journal of the IGPL, vol.17, no.3, pp.267-272, 2009 (SCI-Expanded)

Articles Published in Other Journals

- I. **Vaught's theorem holds for \mathcal{L}_2 but fails for \mathcal{L}_n when $n > 2$**
Khaled M. K. M. I., Ahmed T. S.
Bulletin of the Section of Logic, vol.39, no.3-4, pp.107-122, 2010 (Scopus)
- II. **Vaught's theorem holds for \mathcal{L}_2 but fails for \mathcal{L}_n when $n > 2$**
Khaled M. K. M. I., Ahmed T.
BULLETIN OF THE SECTION OF LOGIC, vol.39, pp.107-122, 2010 (Scopus)
- III. **Classes of algebras that are not closed under completions**
Khaled M. K. M. I., Ahmed T. S.
Bulletin of the Section of Logic, vol.38, no.1-2, pp.29-43, 2009 (Scopus)

Books & Book Chapters

- I. **Algebras Of Concepts And Their Networks**
KHALIFA M. K. M. I., SZÉKELY G.
in: Progress in Intelligent Decision Science. IDS 2020. Advances in Intelligent Systems and Computing, Allahviranloo Tofiq, Salahshour Soheil, Arica Nafiz, Editor, Springer, Cham, İstanbul, pp.611-622, 2021

Metrics

Publication: 14

Citation (Scopus): 32

H-Index (Scopus): 4