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### **Personal Information**

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### **International Researcher IDs**

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ScopusID: 57190839711

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### **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. **On the networks of large embeddings**  
ASLAN KHALÍFA T., KHALIFA M. K. M. I., Székely G.  
Algebra Universalis, vol.85, no.3, 2024 (SCI-Expanded)
- II. **CONCEPTUAL DISTANCE and ALGEBRAS of CONCEPTS**  
KHALIFA M. K. M. I., Székely G.  
Review of Symbolic Logic, 2024 (SCI-Expanded)

- III. **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)
- IV. **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)
- V. **Atoms in infinite dimensional free sequence-set algebras**  
Khaled M. K. M. I., Némethi I.  
Algebra Universalis, vol.80, no.4, 2019 (SCI-Expanded)
- VI. **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)
- VII. **Stone type representation theorems via games**  
ASLAN KHALÍFA T., Khaled M. K. M. I.  
Colloquium Mathematicum, vol.155, no.1, pp.141-155, 2019 (SCI-Expanded)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **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 Tofiqh, Salahshour Soheil, Arica Nafiz, Editor, Springer, Cham, İstanbul, pp.611-622, 2021

## Metrics

Publication: 15

Citation (Scopus): 32

H-Index (Scopus): 4