Lect. PhD BÜŞRA AL

Personal Information

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Education Information

Doctorate, Akdeniz University, Institute of Science, Mathematic, Turkey 2018 - 2023
Postgraduate, Akdeniz University, Institute of Science, Matematik / Cebir Ve Sayılar Teorisi, Turkey 2015 - 2018
Undergraduate, Akdeniz University, Faculty Of Science, Matematik, Turkey 2011 - 2015

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

IT, Herkes İçin Hiperotomasyon ve RPA, Global AI Hub, 2022
IT, Yapay Zekaya İlk Adım, Global Al Hub, 2022
IT, Introduction to Machine Learning, Global AI Hub, 2022
Personal Evolution, Etkileyici Konuşma Ve İkna Sanatı, Bilinç Akademi, 2015
Personal Evolution, İş ve Günlük Hayatta Duygusal Zeka, Bilinç Akademi, 2015
Personal Evolution, Pozitif Dil Kullanımı Sertifikası, Bilinç Akademi, 2015
Education Management and Planning, 28. Ulusal Matematik Sempozyumu'nun Düzenlenmesine Katkıdan Dolayı Teşekkür Belgesi, Akdeniz Üniversitesi, 2015
Education Management and Planning, Pedagojik Formasyon Sertifikası, AKDENİZ UNIVERSİTY, 2014
Education Management and Planning, 18. Ulusal Matematik Olimpiyatları'na Katkı Dolayısıyla Teşekkür Belgesi, Akdeniz University, 2013
Vocational Training, Yüksek Onur Belgesi, AKDENİZ UNIVERSİTY, 2011

Dissertations

Doctorate, INTEGER SEQUENCES CONSTRUCTED BY PARTITIONS OF POSITIVE INTEGERS, Akdeniz University, Institute of Science, Mathematic, 2023
Postgraduate, Pozitif Tamsayılarda Mac Mahon Parçalanma Analizi, Akdeniz University, Institute of Science, Matematik, 2018

Research Areas

Mathematics, Combinatorics, Number Theory, Natural Sciences

Academic Titles / Tasks

Lecturer, Akdeniz University, Manavgat Vocational School, Department of Computer Technologies, 2020 - Continues

Courses

BİLGİ TEKNOLOJİLERİ KULLANIMI, Undergraduate, 2022 - 2023
Physics, Associate Degree, 2022 - 2023
Bilgi ve İletişim Teknolojisi, Associate Degree, 2021 - 2022
Genel Matematik, Associate Degree, 2020 - 2021
Ticari Matematik, Associate Degree, 2020 - 2021
Ticari Matematik, Associate Degree, 2020 - 2021
Genel Matematik, Associate Degree, 2020 - 2021
Matematik-II, Undergraduate, 2020 - 2021
Matematik-II, Associate Degree, 2020 - 2021
TEMEL MATEMATİK, Associate Degree, 2020 - 2021
Matematik I, Associate Degree, 2020 - 2021
Ticari Matematik, Associate Degree, 2020 - 2021
Genel Matematik, Associate Degree, 2020 - 2021
Mesleki Matematik, Associate Degree, 2020 - 2021
Ticari Matematik, Associate Degree, 2020 - 2021
Ofis Yazılımları, Associate Degree, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

I. **On Relations for the Partitions of Numbers**
AL B., ALKAN M.
FILOMAT, vol.34, no.2, pp.567-574, 2020 (SCI-Expanded)

Articles Published in Other Journals

I. **Compositions of integers and Fibonacci numbers**
AL B., ALKAN M.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.73, no.1, pp.178-191, 2024 (ESCI)

II. **A Note on the Composition of a Positive Integer whose Parts are Odd Integers**
AL B., ALKAN M.
Turkish Journal of Mathematics and Computer Science, vol.15, no.2, pp.423-432, 2023 (Peer-Reviewed Journal)

Books & Book Chapters

I. **İKTİSADİ VE İDARİ BİLİMLERDE MATEMATİĞİN KULLANIM ALANLARI**
AL B.
in: İKTİSADİ VE İDARİ BİLİMLERDE GÜNCEL ÇALIŞMALAR, USLU, Fatih BOZ, Hüseyin, Editor, PALET YAYINLARI, Konya, pp.7-20, 2022

II. **İKTİSAT VE MATEMATİK**
AL B.
in: İKTİSADİ VE İDARİ BİLİMLERDE GÜNCEL ÇALIŞMALAR, USLU, Fatih BOZ, Hüseyin, Editor, PALET YAYINLARI, Konya, pp.151-173, 2022

Refereed Congress / Symposium Publications in Proceedings

I. **On the relation between palindrome compositions and Fibonacci numbers**
AL B., ALKAN M.
The 14th Symposium on Generating Functions of Special Numbers and Polynomials and their Applications (GFSNP 2024), Antalya, Turkey, 18 - 21 January 2024, pp.157-161

II. **Compositions of integers whose each part is smaller than a positive integers**
AL B., ALKAN M.
The 6th Mediterranean International Conference of Pure & Applied Mathematics and Related Areas (MICOPAM 2023), Paris, France, 23 - 27 August 2023, pp.93-97

III. **Palindrome composition sets and the patterns**
AL B., ALKAN M.
The 6th Mediterranean International Conference of Pure & Applied Mathematics and Related Areas (MICOPAM 2023), Paris, France, 23 - 27 August 2023, pp.239-244

IV. **A Note on Relation Between Compositions and Two-Variable Polynomials**
AL B., ALKAN M.
1st International Conference on Modern and Advanced Research, Konya, Turkey, 29 - 31 July 2023, pp.303-305

V. **Generating Function For the Number of Summand Size Restricted Compositions**
AL B., ALKAN M.
1st International Conference on Modern and Advanced Research, Konya, Turkey, 29 - 31 July 2023, pp.306-308

VI. **A note on the odd combinations set of the positive integers**
AL B., ALKAN M.
13th Symposium on Generating Functions of Special Numbers and Polynomials and their Applications (GFSNP 2023), Antalya, Turkey, 11 - 13 March 2023, pp.219-223

VII. **Odd Compositions and Odd Partitions on Positive Integers**
AL B., ALKAN M.
The 5th Mediterranean International Conference of Pure & Applied Mathematics and Related Areas(MICOPAM 2022), Antalya, Turkey, 27 October 2022, pp.45-48

VIII. **A Note on Color Compositions and the Patterns**
ALKAN M., AL B.
The 5th Mediterranean International Conference of Pure & Applied Mathematics and Related Areas(MICOPAM 2022), Antalya, Turkey, 27 October 2022, pp.158-161

IX. **A Note on Fibonacci Numbers and Compositions**
AL B., ALKAN M.
4th International Conference on Applied Engineering and Natural Sciences, Antalya, Turkey, 09 November 2022

X. **Compositions Restricted to the Number of Part**
AL B., ALKAN M.
4th International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 10 November 2022

XI. **A Note on Relation Between Partititons Number and Odd Partitions Number For a Positive Integers**
AL B., ALKAN M.
4th International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 10 November 2022, pp.28-30

XII. **Relations Between Odd Parts and Distinct Odd Parts of a Positine Integers**
AL B., ALKAN M.
4th International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 10 November 2022, pp.19-21

XIII. **Compositions Restricted to the Largest Part**

AL B., ALKAN M.
1st International Conference on Engineering and Applied Natural Sciences, Konya, Turkey, 10 May 2022, pp.2423-2425

XIV. **Bir Tam Sayının Parça Sayısıyla Kısıtlanmış Kompozisyonları**
AL B., ALKAN M.
1st International Conference on Engineering and Applied Natural Sciences, Konya, Turkey, 10 May 2022, pp.2474-2476

XV. **a Note on the Composition of a Positive Integer Whose Parts Are Odd Integers**
Al B., Alkan M.
International Conference on Artificial Intelligence and Applied Mathematics in Engineering 2022, Baku, Azerbaijan, 20 - 22 May 2022, pp.141

XVI. **a Note on Compositions of Positive Integers**
Al B., Alkan M.
International Conference on Artificial Intelligence and Applied Mathematics in Engineering 2022, Baku, Azerbaijan, 20 - 22 May 2022, pp.140

XVII. **Note on non-commutative partition**
Al B., Alkan M.
The 3rd & 4th Mediterranean International Conference of Pure & Applied Mathematics and Related Areas (MICOPAM 2020-2021), Antalya, Turkey, 11 - 12 November 2021, pp.70-73

XVIII. **Some Relations among Apostol-Euler Polynomials, Changhee and Stirling Numbers**
AL B., ALKAN M.
International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Rhodes, Greece, 23 - 28 September 2019, vol.2293

XIX. **Identities Related to the Bernoulli and the Euler Numbers and Polynomials**
AL B., ALKAN M.
International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Rhodes, Greece, 23 - 28 September 2019, vol.2293

XX. **A Note On The Number Of Odd Dıstınct Partıtıon**
AL B., ALKAN M.
International Symposium on Advanced Engineering Technologies, Kahramanmaraş, Turkey, 02 May 2019

XXI. **Some Relations Between Partitions and Fibonacci Numbers**
AL B., ALKAN M.
The 2nd Mediterranean International Conference of Pure & Applied Mathematics and Related Areas (MICOPAM 2019), Paris, France, 28 - 31 August 2019, pp.14-17

XXII. **A Note On The Relations Among Partitions**
AL B., ALKAN M.
The Mediterranean International Conference of Pure&Applied Mathematics and Related Areas, Antalya, Turkey, 26 October 2018

Supported Projects

Al B., Alkan M., Project Supported by Higher Education Institutions, Tamsayıların Parçalanışı Ve Fibonacci Sayıları Arasındaki Bazı İlişkiler, 2019 - 2022
Al B., Alkan M., Project Supported by Higher Education Institutions, Pozitif Tam Sayılarda MacMahon Parçalama Analizi, 2017 - 2018

Metrics

Publication: 27

Congress and Symposium Activities

4th International Conference on Applied Engineering and Natural Sciences, Attendee, Konya, Turkey, 2022

4th International Conference on Applied Engineering and Natural Sciences, Attendee, Konya, Turkey, 2022
4th International Conference on Applied Engineering and Natural Sciences, Attendee, Konya, Turkey, 2022
4th International Conference on Applied Engineering and Natural Sciences, Attendee, Konya, Turkey, 2022
International Conference on Artificial Intelligence and Applied Mathematics 2022, Attendee, Baku, Azerbaijan, 2022
International Conference on Artificial Intelligence and Applied Mathematics 2022, Attendee, Baku, Azerbaijan, 2022
1st International Conference on Engineering and Applied Natural Sciences, Attendee, Konya, Turkey, 2022
1st International Conference on Engineering and Applied Natural Sciences, Attendee, Konya, Turkey, 2022
The 3rd & 4th Mediterranean International Conference of Pure & Applied Mathematics and Related Areas (MICOPAM 2020-2021), Attendee, Antalya, Turkey, 2021
International Conference of Numerical Analysis and Applied Mathematics 2019 (ICNAAM 2019), Attendee, Rodos, Greece, 2019
The 2nd Mediterranean International Conference of Pure&Applied Mathematics and Related Areas, Attendee, Paris, France, 2019
International Symposium on Advanced Engineering Technologies, Attendee, Kahramanmaraş, Turkey, 2019
The Mediterranean International Conference of Pure&Applied Mathematics and Related Areas, Attendee, Antalya, Turkey, 2018

Scholarships

Yök 100/2000, YOK, 2018 - 2020
Tübitak 2224-A Yurt Dışı Bilimsel Etkinliklere Katılımı Destekleme Bursu, TUBITAK, 2019 - 2019