

**Curriculum Vitae**  
**Asst. Prof. Muhammet Cihat DAĞLI**

Address: Department of Mathematics, Akdeniz University, 07058 Antalya, Turkey

Phone: +90 242 227 44 00 / 3802

e-mail: mcihatdagli@akdeniz.edu.tr, mcdagli07@gmail.com

Place of Birth: Antalya, Turkey      Date of Birth: 31/07/1986

Citizenship: Turkish

Gender: Male

**Research Interests:**

- Analytic Number Theory:
  1. Generating Functions
  2. Special polynomials and numbers
  3. Dedekind sums and related sums

**Publications and Preprints in International Journals:**

1. Dağlı M.C., Can M., "On reciprocity formula for certain character Hardy–Berndt sums", (accepted for publication in *Sinop University Journal of Natural Sciences*).
2. Can M., Dağlı M.C., "Character analogue of the Boole summation formula with applications", (accepted for publication in *Turkish Journal of Mathematics*).
3. Dağlı M.C., Can M., "On generalized Eisenstein series and Ramanujan's formula for periodic zeta-functions", (accepted for publication in *Monatshefte für Mathematics*).
4. Dağlı M.C., Can M., "On the integral of products of higher-order Bernoulli and Euler polynomials", (accepted for publication in *Functiones et Approximatio Commentarii Mathematici*).
5. Dağlı M.C., Can M., "Periodic analogues of Dedekind sums and transformation formulas of Eisenstein series", (accepted for publication in *Ramanujan Journal*).
6. Dağlı M.C., Can M., "On reciprocity formula of character Dedekind sums and the integral of products of Bernoulli polynomials", *Journal of Number Theory*, vol.156, 105-124, 2015.
7. Can M., Dağlı M.C., "On reciprocity formula of character Dedekind sums", *Palestine Journal of Mathematics*, vol.4, 496-501, 2015.

8. Can M., Dağlı M.C., "Extended Bernoulli and Stirling matrices and related combinatorial identities", *Linear Algebra and its Applications*, vol.444, 114-131, 2014.
9. Dağlı M.C., Can M., "On reciprocity formulas for Apostol's Dedekind sums And their analogues", *Journal of Integer Sequences*, vol.17, no.14.5.4, 1-9, 2014.
10. Dağlı M.C., Can M., "A new generalization of Hardy-Berndt sums", *Proceedings of the Indian Academy of Sciences,-Mathematical Sciences*, vol.123, no.2, 177-192, 2013.

#### **Education:**

B. S. in Mathematics: Department of Mathematics, Süleyman Demirel University, Turkey, 2004-2008.

M. Sc. in Mathematics: Department of Mathematics, Akdeniz University, Turkey, Advisor: Assistant. Prof. Dr. Mümün Can, 2008-2010.

Ph.D. in Mathematics: Department of Mathematics, Akdeniz University, Turkey, Advisor: Assistant Prof. Dr. Mümün Can, 2010-2016.

#### **Theses:**

- M. Sc. Thesis: Degenerate Hardy-Berndt Sums, 2010.
- Ph. D. Thesis: Analogues of Dedekind sums, 2016.

#### **Conferences and Meetings Attended:**

1. 5-7 September 2015, XXVIII. National Mathematics Symposium, Akdeniz University, Antalya, Turkey (Speaker).
2. 5-7 November 2015, International Conference on Advancements in Mathematical Sciences (AMS 2015), Antalya Turkey (Speaker)
3. 6-9 November 2014, International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM2014), Antalya, Turkey (Speaker).
4. 10-12 December 2010, Workshop on Analytic Number Theory, Institute of Feza Gürsey, İstanbul, Turkey.
5. 29 August-4 September 2010, Workshop on Algebraic numbers and L-functions, Antalya, Turkey.

#### **Talks:**

1. Dağlı M.C., Can M., "On the integral of products of higher-order Bernoulli and Euler polynomials", International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM2014), Antalya Turkey, 6-9 November 2014, pp.77-77.

2. Dağlı M.C., Can M., "Periodic Dedekind Sums", XXVIII. National Mathematics Symposium, Akdeniz University, Antalya, Turkey, 5-7 September 2015, pp.96-96.
3. Dağlı M.C., "Eisenstein series and periodic Dedekind sums", International Conference on Advancements in Mathematical Sciences (AMS 2015), Antalya Turkey, 5-7 November 2015, pp.91-91.