

CURRICULUM VITAE AND PUBLICATIONS LIST

CURRICULUM VITAE

Name and Surname: RECEP ŞAHİN
Academic Title: Professor Dr.
Work Address:
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Area of Expertise: Mathematics
Natural Sciences

Degree	Department/Program	University	Year
Doctorate	Department of Mathematics and Science Education	Balıkesir University	2001
Master's Degree	Department of Mathematics and Science Education	Balıkesir University	1997
Bachelor's Degree	Department of Mathematics and Science Education	Balıkesir University	1993

Position Title	Workplace	Year
Professor Dr.	Balıkesir University	2012-Continues
Associate Professor	Balıkesir University	2007-2012
Assistant Professor	Balıkesir University	2002-2006
Research Assistant	Balıkesir University	1999-2002
Research Assistant		1995-1999

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

- A1. Şahin R., Doğrayıcı G., "Commutator subgroups of generalized Hecke and extended generalized Hecke groups,II", *Turkish journal of mathematics*, vol. 44, no. 6, pp. 2123-2131, 2020.
- A2. Koroğlu Ö., Taner M., Şahin R., "Power and free normal subgroups of generalized Hecke groups", *Asian-European Journal of Mathematics*, vol. 13, no. 4, 2020.
- A3. Koroğlu Ö., Taner M., Şahin R., "Commutator subgroups of the power subgroups of generalized Hecke groups", *ALGEBRA DISCRETE MATHEMATICS*, vol. 27, no. 2, pp. 280-291, 2019.
- A4. Kırmızı Çetinalp E., Güzel Karpuz E., Şahin R., Ateş F., "Complete Rewriting System and Growth Series for Extended Generalized Hecke Groups", *Journal of Mathematical Extension*, vol. 13, no. 4, pp. 41-55, 2019.
- A5. Birol F., Koroğlu Ö., Şahin R., Demir B., "GENERALIZED PELL SEQUENCES RELATED TO THE EXTENDED GENERALIZED HECKE GROUPS $(H)_{\overline{3,q}}$ AND AN APPLICATION TO THE GROUP $(H)_{\overline{3,3}}$ ", *HONAM MATHEMATICAL JOURNAL*, vol. 41, no. 1, pp. 197-206, 2019.
- A6. Kırmızı Çetinalp E., Güzel Karpuz E., Şahin R., Ateş F., "Complete Rewriting System and Growth Series for Extended Generalized Hecke Groups", *Journal of Mathematical Extension*, vol. 13, no. 4, pp. 41-55, 2019.
- A7. Şahin R., "Some results on Hecke and extended Hecke groups", *Turkish Journal of Mathematics*, 2018.
- A8. Kaymak Sarıca Ş., Demir B., Koroğlu Ö., Şahin R., "Commutator subgroups of generalized hecke and extended generalized hecke groups", *Analele Stiintifice ale Universitatii Ovidius Constanta, Seria Matematica*, vol. 26, no. 1, pp. 159-168, 2018.
- A9. İkkardeş S., Sarıgedik Demircioğlu Z., Şahin R., "GENERALIZED PELL SEQUENCES IN SOME PRINCIPAL CONGRUENCE SUBGROUPS OF THE HECKE GROUPS", *Mathematical Reports*, vol. 18, no. 1, 2016.
- A10. Demir B., Koroğlu Ö., Şahin R., "Conjugacy classes of extended generalized Hecke groups", *Revista de la Union Matematica Argentina*, vol. 57, no. 1, pp. 49-56, 2016.

- A11.** Demir B., Koruoğlu Ö., Şahin R., "Conjugacy classes of extended generalized Hecke groups", *Revista de la Union Matematica Argentina*, vol. 57, no. 1, pp. 49-56, 2016.
- A12.** İkkardeş S., Sarıgedik Demircioğlu Z., Şahin R., "GENERALIZED PELL SEQUENCES IN SOME PRINCIPAL CONGRUENCE SUBGROUPS OF THE HECKE GROUPS", *MATHEMATICAL REPORTS*, vol. 18, no. 1, 2016.
- A13.** Demir B., Koruoğlu Ö., Şahin R., "On normal subgroups of generalized Hecke groups", *Analele Stiintifice ale Universitatii Ovidius Constanta-Seria Matematica*, vol. 24, no. 2, pp. 169-184, 2016.
- A14.** Demir B., Koruoğlu Ö., Şahin R., "Some normal subgroups of extended generalized Hecke groups", *Hacettepe Journal of Mathematics and Statistics*, vol. 4, no. 45, pp. 1023-1032, 2016.
- A15.** Sarıgedik Demircioğlu Z., İkkardeş S., Şahin R., "POWER SUBGROUPS OF THE EXTENDED HECKE GROUPS", *MISKOLC MATHEMATICAL NOTES*, vol. 16, no. 1, pp. 483-490, 2015.
- A16.** İkkardeş S., Şahin R., "GENERALIZED M SIMPLE GROUPS", *ROCKY MOUNTAIN JOURNAL OF MATHEMATICS*, 2013.
- A17.** Şahin R., İkkardeş S., "SQUARES OF CONGRUENCE SUBGROUPS OF THE EXTENDED MODULAR GROUP", *MISKOLC MATHEMATICAL NOTES*, vol. 14, no. 3, pp. 1031-1035, 2013.
- A18.** İkkardeş S., Şahin R., "SOME RESULTS ON O^* -GROUPS", *REVISTA DE LA UNION MATEMATICA ARGENTINA*, vol. 53, no. 2, pp. 25-30, 2012.
- A19.** Şahin R., İkkardeş S., Koruoğlu Ö., Cangül İ. N., "The Connections Between Continued Fraction Representations of Units and Certain Hecke Groups", *BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY*, vol. 33, no. 2, pp. 205-210, 2010.
- A20.** İkkardeş S., Şahin R., "ON GENERALIZED M GROUPS", *ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTIA-SERIA MATEMATICA*, vol. 18, no. 1, pp. 197-204, 2010.
- A21.** İkkardeş S., Şahin R., "ON GENERALIZED M^* - GROUPS", *ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTIA-SERIA MATEMATICA*, vol. 18, no. 1, pp. 197-204, 2010.
- A22.** İkkardeş S., Şahin R., Cangül İ. N., "Principal congruence subgroups of the Hecke groups and related results", *BULLETIN OF THE BRAZILIAN MATHEMATICAL SOCIETY*, vol. 40, no. 4, pp. 479-494, 2009.
- A23.** Koruoğlu Ö., Şahin R., İkkardeş S., "Trace classes and fixed points for the extended modular group Γ over bar", *TURKISH JOURNAL OF MATHEMATICS*, vol. 32, no. 1, pp. 11-19, 2008.
- A24.** Koruoğlu Ö., Şahin R., İkkardeş S., "The normal subgroup structure of the extended Hecke groups", *BULLETIN OF THE BRAZILIAN MATHEMATICAL SOCIETY*, vol. 38, no. 1, pp. 51-65, 2007.
- A25.** Cangül İ. N., Şahin R., İkkardeş S., Koruoğlu Ö., "Power subgroups of some Hecke groups II", *HOUSTON JOURNAL OF MATHEMATICS*, vol. 33, no. 1, pp. 33-42, 2007.
- A26.** Şahin R., İkkardeş S., Koruoğlu Ö., "Generalized M^* -groups", *INTERNATIONAL JOURNAL OF ALGEBRA AND COMPUTATION*, vol. 16, no. 6, pp. 1211-1219, 2006.
- A27.** Şahin R., Koruoğlu Ö., İkkardeş S., "On the extended Hecke group H over bar λ_5 ", *ALGEBRA COLLOQUIUM*, vol. 13, no. 1, pp. 17-23, 2006.
- A28.** Şahin R., Koruoğlu Ö., İkkardeş S., "On the extended Hecke group (H) over-bar (λ_5) ", *ALGEBRA COLLOQUIUM*, vol. 13, no. 1, pp. 17-23, 2006.
- A29.** İkkardeş S., Koruoğlu Ö., Şahin R., "Power subgroups of some Hecke groups", *ROCKY MOUNTAIN JOURNAL OF MATHEMATICS*, vol. 36, no. 2, pp. 497-508, 2006.
- A30.** Şahin R., İkkardeş S., Koruoğlu Ö., "Some normal subgroups of the extended Hecke groups $H(\lambda_p)$ ", *ROCKY MOUNTAIN JOURNAL OF MATHEMATICS*, vol. 36, no. 3, pp. 1033-1048, 2006.

D. Articles published in national peer-reviewed journals:

- D1.** İkkardeş S., Koruoğlu Ö., Şahin R., Cangül İ. N., "One relator quotients of the extended modular group", *Adv. Stud. Contemp. Math. (Kyungshang)*, vol. 2, no. 17, pp. 203-210, 2009.
- D2.** İkkardeş S., Koruoğlu Ö., Şahin R., Cangül İ. N., "Note on M^* groups", *Adv. Stud. Contemp. Math. (Kyungshang)*, vol. 2, no. 14, pp. 311-315, 2007.
- D3.** Şahin R., İkkardeş S., Koruoğlu Ö., "Extended Hecke groups overline H λ q and their fundamental regions", *Adv. Stud. Contemp. Math. (Kyungshang)*, vol. 15, no. 1, pp. 87-94, 2007.
- D4.** Şahin R., İkkardeş S., Koruoğlu Ö., "Addenda On the power subgroups of the extended modular group overline Γ ", *TURKISH JOURNAL OF MATHEMATICS*, vol. 2, no. 30, pp. 233-235, 2006.
- D5.** Şahin R., İkkardeş S., Koruoğlu Ö., "On the Power Subgroups of the Extended Modular Group Γ ", *Turkish Journal of Mathematics*, vol. 29, no. 2, pp. 143-151, 2004.