

AZƏRBAYCAN DÖVLƏT İQTİSAD UNIVERSİTETİNİN (UNEC)
“RİYAZİYYAT VƏ STATİSTİKA” kafedrasının dosenti, fizika-riyaziyyat elmləri
namizədi Cəfərova Səadət Arif qızının

Elmi və tədris-metodik əsərlərinin siyahısı

I. SCOPUS və Web of Science sistemində

məqalələr:

- 1) Saadat A. Jafarova, Elman J. Ibrahimov, Vaqif S. Quliyev. **Weighted boundedness of the fractional maximal operator and Riesz potential generated by Gegenbauer differential operator.** Transactions of A.Razmadze Mathematical Institute. Vol. 173(2019), issue 3, 45-78.
- 2) Saadat A. Jafarova, Elman J. Ibrahimov, S. Elifnur Ekinoglu. **Maximal and potential operators associated with Gegenbauer differential operator on generalized Morrey spaces.** Proceedings of the Institute of Mathematics and Mechanics, National Academy of Sciences of Azerbaijan, Volume 46, Number 1, 2020, Pages 129-143. <https://doi.org/10.29228/proc.23>
- 3) Saadat A. Jafarova, Elman J. Ibrahimov, Gulqayit A. Dadashova. **Boundedness of higher order commutators of G-fractional integral and G-fractional maximal operators with G-BMO functions.** Transactions of A.Razmadze Mathematical Institute. Vol. 174(2020), issue 3, 325-341.
- 4) Saadat A. Jafarova, Elman J. Ibrahimov, Gulqayit A. Dadashova. **Some weighted inequalities for Gegenbauer fractional integrals.** Trans. Natl. Acad. Sci. Azerb. Ser. Phys.-Tech. Math. Sci. Mathematics, 41(4), 83-99(2021).

II. Beynəlxalq nüfuzlu elmi jurnallarda nəşr olunan məqalələr,

o cümlədən AAK-təvsiyə edilən dövrü elmi

nəşirlər:

- 1) S.Ar. Jafarova, E.J. Ibrahimov, V.S. Guliyev. **Gegenbauer Transformations Nikolski-Besov Spaces Generalized by Gegenbauer Operator and Their Approximation Characteristics.** Advances in Analysis, Vol. 2, No. 3, July 2017.

2) S. Ar. Jafarova, Vagif S. Guliyev , E.J. Ibrahimov and S.E. Ekinicioglu .

O’Neil Inequality for Convolutions Associated with Gegenbauer Differential Operator and some Applications. J. Math. Study doi: 10.4208/jms.v53n1.20.05. Vol. 53, No. 1, pp. 90-124 March 2020.

II. Tədris vəsaitləri

1) Джафарова С.А. **Методическое пособие по теории вероятностей для практических занятий и самостоятельной работы.** Баки:”İqtisad universiteti” nəşriyyatı, 2017, 102 с.

1) Advances in Analysis, Vol. 2, No. 3, July 2017. Gegenbauer Transformations Nikolski-Besov Spaces Generalized by Gegenbauer Operator and Their Approximation Characteristics V.S. Guliyev , E.J. Ibrahimov and S.Ar. Jafarova

2) J. Math. Study doi: 10.4208/jms.v53n1.20.05. Vol. 53, No. 1, pp. 90-124 March 2020

O’Neil Inequality for Convolutions Associated with Gegenbauer Differential Operator and some Applications Vagif S. Guliyev , E.J. Ibrahimov , S.E. Ekinicioglu and S. Ar. Jafarova

3) Proceedings of the Institute of Mathematics and Mechanics, National Academy of Sciences of Azerbaijan Volume 46, Number 1, 2020, Pages 129–143

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MAXIMAL AND POTENTIAL OPERATORS ASSOCIATED WITH GEGENBAUER DIFFERENTIAL OPERATOR ON GENERALIZED MORREY SPACES. ELMAN J. IBRAHIMOV, SAADAT A. JAFAROVA, AND S. ELIFNUR EKINCI OGLU

4) Transactions of A. Razmadze Mathematical Institute Vol. 173 (2019), issue 3, 45–78.

WEIGHTED BOUNDEDNESS OF THE FRACTIONAL MAXIMAL OPERATOR AND RIESZ POTENTIAL
GENERATED BY GEGENBAUER DIFFERENTIAL OPERATOR. ELMAN J. IBRAHIMOV^{1*}, VAGIF S. GULIYEV^{1,2},
AND SAADAT A. JAFAROVA³ <https://www.academia.edu/42128948/>

5) Transactions of A. Razmadze Mathematical Institute Vol. 174 (2020), issue 3, 325–341.

BOUNDEDNESS OF HIGHER ORDER COMMUTATORS OF G-FRACTIONAL INTEGRAL AND G-FRACTIONAL
MAXIMAL OPERATORS WITH G – BMO FUNCTIONS ELMAN J. IBRAHIMOV^{1*}, GULQAYIT A. DADASHOVA¹
, AND SAADAT AR. JAFAROVA² [http://www.rmi.ge/transactions/TRMI-volumes/174-3/v174\(3\)-6.pdf](http://www.rmi.ge/transactions/TRMI-volumes/174-3/v174(3)-6.pdf)