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Dissertations

Doctorate, Halkalar üzerinde bazı genelleştirmeler, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, 2010

Postgraduate, Asal Gamma Halkasının Centroidi Üzerine, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, 2005

Research Areas

Mathematics

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **ON THE STABILITY OF CUBIC BI-DERIVATIONS ON BANACH ALGEBRAS**
Yilmaz D., Yazarlı H., Park C.
Journal of Mathematical Inequalities, vol.18, no.1, pp.39-50, 2024 (SCI-Expanded)
- II. **SOME ALGEBRAIC PROPERTIES OF GENERALIZED q -CESÀRO MATRIX $C_g(q)$**
Yazarlı H.
Miskolc Mathematical Notes, vol.24, no.2, pp.1049-1056, 2023 (SCI-Expanded)
- III. **PERMUTING TRIDERIVATIONS OF PRIME AND SEMIPRIME RINGS**
Yazarlı H.
MISKOLC MATHEMATICAL NOTES, vol.18, no.1, pp.489-497, 2017 (SCI-Expanded)
- IV. **A NOTE ON DERIVATIONS IN SUBTRACTION ALGEBRAS**
ÖZTÜRK M. A., Yazarlı H., UÇKUN M.
ARS COMBINATORIA, vol.124, pp.267-276, 2016 (SCI-Expanded)
- V. **Homomorphism theorems in subtraction Algebra**
Aliöztürk M., Yazarlı H.
Tamkang Journal of Mathematics, vol.44, no.4, pp.365-375, 2013 (SCI-Expanded)
- VI. **On the centroid of prime semirings**
Yazarlı H., ÖZTÜRK M. A.
TURKISH JOURNAL OF MATHEMATICS, vol.37, no.4, pp.577-584, 2013 (SCI-Expanded)
- VII. **A NOTE ON DERIVATIONS IN MV-ALGEBRAS**
Yazarlı H.
MISKOLC MATHEMATICAL NOTES, vol.14, no.1, pp.345-354, 2013 (SCI-Expanded)
- VIII. **Permuting tri-f-derivations in lattices**

Yazarli H., Öztürk M. A.

Communications of the Korean Mathematical Society, vol.26, no.1, pp.13-21, 2011 (SCI-Expanded)

IX. A NEW VIEW OF FUZZY GAMMA RINGS

ÖZTÜRK M. A., Jun Y. B., Yazarli H.

HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.39, no.3, pp.365-378, 2010 (SCI-Expanded)

X. SOME RESULTS ON SYMMETRIC BI-(σ , τ)- DERIVATIONS IN NEAR-RINGS

ÖZTÜRK M. A., Yazarli H.

MISKOLC MATHEMATICAL NOTES, vol.11, no.2, pp.169-173, 2010 (SCI-Expanded)

XI. PERMUTING TRI-DERIVATIONS IN LATTICES

ÖZTÜRK M. A., Yazarli H., Kim K. H.

QUAESTIONES MATHEMATICAE, vol.32, no.3, pp.415-425, 2009 (SCI-Expanded)

XII. Modules over the generalized centroid of semi-prime gamma rings

ÖZTÜRK M. A., Yazarli H.

BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.44, no.2, pp.203-213, 2007 (SCI-Expanded)

Articles Published in Other Journals

I. A Note on the Trace of Generalized Permuting Tri-Derivations

ZORTAŞ S., DURNA H.

CUMHURİYET SCIENCE JOURNAL, vol.45, 2024 (Peer-Reviewed Journal)

II. NEARNESS SUBTRACTION ALGEBRAS

Erol G., DURNA H.

BULLETIN OF THE INTERNATIONAL MATHEMATICAL VIRTUAL INSTITUTE, vol.13, no.2, pp.271-284, 2023 (Peer-Reviewed Journal)

III. Permuting Tri-derivations in MV-algebras

YILMAZ D., Davvaz B., DURNA H.

MKD Publishing House, vol.11, no.2, pp.142-150, 2023 (Scopus)

IV. A note on b-generalized derivations with a quadratic equation in prime rings

YILMAZ D., DURNA H.

International Journal of Nonlinear Analysis and Applications, vol.14, no.5, pp.199-209, 2023 (Peer-Reviewed Journal)

V. ON LIE IDEALS AND SYMMETRIC BI-SEMIDERIVATIONS IN PRIME RINGS

YILMAZ D., DURNA H.

Journal of Algebra and Related Topics, vol.11, no.1, pp.137-146, 2023 (Scopus)

VI. Generalized symmetric bi-derivations in MV-algebras

KOÇ S., DURNA H.

New Trends in Mathematical Science, vol.10, no.4, pp.107-114, 2022 (Peer-Reviewed Journal)

VII. ON THE TRACE OF PERMUTING TRI-DERIVATIONS ON RINGS

YILMAZ D., DURNA H.

Matematychni Studii, vol.58, no.1, pp.20-25, 2022 (Peer-Reviewed Journal)

VIII. Semi-derivations in hyperrings

DURNA H., YILMAZ D.

BULLETIN OF THE INTERNATIONAL MATHEMATICAL VIRTUAL INSTITUTE, vol.12, no.2, pp.309-319, 2022 (Peer-Reviewed Journal)

IX. Generalized centroid of hyperrings

DURNA H., Davvaz B., YILMAZ D.

Discussiones Mathematicae General Algebra and Applications, vol.42, no.1, pp.5-16, 2022 (Scopus)

X. Symmetric bi-derivation on bitonic algebras

DURNA H., KOÇ H.

Proyecciones (Antofagasta), vol.41, 2022 (Scopus)

- XI. **Nobusawa gamma nearness semirings**
Ozturk M. A., Yazarli H.
New Mathematics and Natural Computation, vol.17, pp.571-588, 2021 (ESCI)
- XII. **A note on derivations of EQ-algebras**
DURNA H., YILMAZ D.
Bulletin of The Allahabad Mathematical Society, vol.35, no.2, pp.143-160, 2020 (Peer-Reviewed Journal)
- XIII. **A NOTE ON DERIVATIONS ON PRIME GAMMA RINGS WITH CHARACTERISTIC 2**
ÖZTÜRK M. A., DURNA H., Acet T.
BULLETIN OF THE INTERNATIONAL MATHEMATICAL VIRTUAL INSTITUTE, vol.10, no.2, pp.201-212, 2020 (Peer-Reviewed Journal)
- XIV. **Extended centroid of hyperrings**
Durna H., Davvaz B., Yilmaz D.
Gulf Journal of Mathematics, vol.8, no.1, pp.6-15, 2020 (Peer-Reviewed Journal)
- XV. **The maximal hyperrings of quotients**
DURNA H., YILMAZ D., Davvaz B.
ITALIAN JOURNAL OF PURE AND APPLIED MATHEMATICS, vol.44, pp.938-951, 2020 (ESCI)
- XVI. **Generalized Derivations of Hyperlattices**
OĞUZ ÜNAL S., DURNA H.
Cumhuriyet Science Journal, vol.40, no.2, pp.299-304, 2019 (Peer-Reviewed Journal)
- XVII. **Generalized centroid of Γ -semirings**
DURNA H., YILMAZ D.
Proyecciones Journal of Mathematics, vol.37, no.4, pp.805-817, 2018 (Scopus)
- XVIII. **Generalized centroid of semirings**
DURNA H., YILMAZ D.
Analele Stiintifice Ale Universitatii Al I Cuza Din Iasi-Serie Noua-Matematica, vol.63, no.3, pp.521-528, 2017 (Scopus)
- XIX. **Permuting tri derivations in prime and semi prime rings**
DURNA H., OĞUZ S.
International Journal of Algebra And Statistics, vol.5, no.1, pp.52-58, 2016 (Peer-Reviewed Journal)
- XX. **Symmetric Bi Derivation on Hyperrings**
DURNA H.
Cumhuriyet University Sciences Journal, vol.37, no.4, pp.391-397, 2016 (Peer-Reviewed Journal)
- XXI. **Homomorphism theorems in the new view of fuzzy gamma rings**
Inan E., Yazarli H., Mehmet Öztürk A.
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- XXII. **A Note on Permuting Tri-Derivation In Near Ring**
Öztürk M. A., Yazarlı H.
Gazi University Journal of Science, vol.24, no.4, pp.723-729, 2011 (Scopus)
- XXIII. **Orthogonal Generalized (σ, τ)- Derivations of Semiprime Gamma Rings**
Durna H., Gölbaşı Ö.
East Asian Math. J., vol.23, no.2, pp.197-206, 2007 (Peer-Reviewed Journal)
- XXIV. **Tri additive maps and permuting tri derivations**
YAZARLI H., ÖZTÜRK M. A., JUN Y. B.
Communications Series A1: Mathematics and Statistics, vol.54, no.1, pp.1-8, 2005 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Hyperrings

Yilmaz D., Durna H.

6. Çukurova Uluslararası Bilimsel Araştırmalar Kongresi, Adana, Turkey, 5 - 06 March 2021, pp.79

- II. Embedding of Hiperrings**
Durna H., Yılmaz D.
32. Ulusal Matematik Sempozyumu, Samsun, Turkey, 31 August - 03 September 2019, pp.41
- III. Symmetric biderivation on hyperrings**
DURNA H.
International Conference on Mathematics and Mathematics Education (ICMME-2017), 11 - 13 May 2017
- IV. Notes on Permuting Tri-derivations on Prime and Semi-prime Rings**
OĞUZ ÜNAL S., DURNA H.
ICRAPAM, 11 - 15 May 2017
- V. Generalized Centroid of Semiprime Gamma Semiring**
Durna H.
11. Ankara Matematik Günleri, Ankara, Turkey, 26 - 27 May 2016, pp.20
- VI. Permuting tri derivations in prime and semi prime rings**
YAZARLI H., OĞUZ S.
International Conference on Mathematics and Mathematics Education (ICMME-2016, 12 - 14 May 2016
- VII. On the centroid of prime semiring**
Durna H.
10. Ankara Matematik Günleri, Ankara, Turkey, 11 - 12 June 2015, pp.20
- VIII. A note on derivations on MV-algebras**
Durna H.
II. Kadın Matematikçiler Derneği Çalıştayı, Sivas, Turkey, 1 - 03 May 2015, pp.23
- IX. Generalized Centroid of Semi Prime Semiring**
Durna H., Yılmaz D.
II. Kadın Matematikçiler Derneği Çalıştayı, Sivas, Turkey, 1 - 03 May 2015, pp.18