

Asst. Prof. Turgut Hanoymak

Personal Information

Office Phone: [+90 432 444 5065](tel:+904324445065)

Email: hturgut@yyu.edu.tr

Web: <https://avesis.yyu.edu.tr/hturgut>

Education Information

Doctorate, Middle East Technical University, Uygulamalı Matematik Enstitüsü, Kriptografi, Turkey 2002 - 2012

Undergraduate, Ankara University, Fen Fakültesi, Matematik, Turkey 1998 - 2002

Research Areas

Mathematics, Number Theory, Natural Sciences

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **IND-CCA secure encryption based on a Zheng-Seberry scheme**
AK M., Hanoymak T., SELÇUK A. A.
Journal of Computational and Applied Mathematics, vol.259, pp.529-535, 2014 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **A Novel Public-Key Encryption Scheme Based on Bass Cyclic Units in Integral Group Rings**
Küsmüş Ö., Hanoymak T.
Journal of Discrete Mathematical Sciences and Cryptography, vol.0, pp.0-1, 2020 (Journal Indexed in ESCI)
- II. **A New Multi-Party Key Exchange Protocol and Symmetric Key Encryption Scheme over Non-commutative Group Rings**
Hanoymak T., Küsmüş Ö.
INTERNATIONAL JOURNAL OF INFORMATION SECURITY SCIENCE, vol.8, no.1, pp.11-16, 2019 (Refereed Journals of Other Institutions)
- III. **On Construction of Cryptographic Systems over Units of Group Rings**
Küsmüş Ö., Hanoymak T.
International Electronic Journal of Pure and Applied Mathematics, no.9, pp.37-43, 2015 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Multi-party Key Exchange Protocol and Man in the Middle Attack**
Güleşçe Tatlı T., Hanoymak T., Küsmüş Ö.
2nd International Conference on Pure and Applied Mathematics 2018, Van, Turkey, 11 - 13 September 2018, vol.1, no.1, pp.79
- II. **A Possible Hashed-RSA Signature Scheme Using Units in Group Rings**

Hanoymak T., Küsmüş Ö.

Antalya Algebra Days XX, İzmir, Turkey, 16 - 20 May 2018, pp.30

III. A New Type RSA Algorithm with Fuzzy Logic for Image Encryption

Hanoymak T., Kutlu F., Atan Ö.

3 International Conference on Computational Mathematics and Engineering Science (CMES-2018), Girne, Cyprus (Kkct), 04 May 2018 - 06 May 2019, pp.1

IV. Multi-Party Key Exchange Protocol over Units of Group Rings

Hanoymak T., Küsmüş Ö.

3rd International Conference on Computational Mathematics and Engineering Sciences 2018, Girne, Cyprus (Kkct), 4 - 06 May 2018, pp.357

V. A Possible Key Exchange Protocol over Group Rings

Hanoymak T., Küsmüş Ö.

International Conference on Pure and Applied Mathematics, Van, Turkey, 25 - 28 August 2015, pp.1

VI. On Cryptographic Schemes over Group Rings

Hanoymak T., Küsmüş Ö.

INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, Viyana, Austria, 16 - 19 August 2014, pp.70

Citations

Total Citations (WOS):1

h-index (WOS):1