

Asst. Prof. Mehmet YILMAZ

Personal Information

Office Phone: [+90 212 383 4255](tel:+902123834255)

Web: <https://avesis.yildiz.edu.tr/yilmazm>

Education Information

Doctorate, Yildiz Technical University, Faculty of Arts & Science, Department of Physics, Turkey 1990 - 1996

Post Graduate, Yildiz Technical University, Faculty of Arts & Science, Department of Physics, Turkey 1988 - 1989

Under Graduate, Trakya University, Faculty Of Science, Department Of Physics, Turkey 1982 - 1986

Dissertations

Doctorate, İKİLİ SIVI ALKALİ METAL ALAŞIMLARININ TERMODİNAMİK ÖZELLİKLERİNİN İNCELENMESİ, Yildiz Technical University, Faculty of Arts & Science, Department of Physics, 1996

Post Graduate, PERCUS-YEVICK DENKLEMİNİN KATI KÜRE ÇÖZÜMÜ VE SIVI METALLERİN YAPI FAKTÖRÜNÜN HESAPLANMASI, Yildiz Technical University, Faculty of Arts & Science, Department of Physics, 1989

Jury Memberships

Post Graduate, Post Graduate, İstanbul Üniversitesi, June, 2017

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Trakya Üniversitesi, June, 2013

Doctorate, Doctorate, Trakya Üniversitesi, November, 2012

Doctorate, Doctorate, Trakya Üniversitesi, June, 2012

Doctorate, Doctorate, Trakya Üniversitesi, June, 2012

Doctorate, Doctorate, Trakya Üniversitesi, February, 2012

Doctorate, Doctorate, Trakya Üniversitesi, September, 2011

Doctorate, Doctorate, Trakya Üniversitesi, September, 2011

Doctorate, Doctorate, Trakya Üniversitesi, September, 2011

Doctoral Examination, Doctoral Examination, Trakya Üniversitesi, March, 2007

Doctorate, Doctorate, Trakya Üniversitesi, October, 2005

Doctoral Examination, Doctoral Examination, Trakya Üniversitesi, September, 2002

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

- I. **Freezing in halide salts**
AKDERE Ü., Yılmaz M., Kavanoz H. B., Taşseven Ç.
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- III. **Static structure of a group of trivalent molten salts: An alternative rigid ion model potential**
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- II. **İkili Sıvı Metal alaşımlarda Basınç Hesaplanması**
Yılmaz M.
Yıldız Teknik Üniversitesi, vol.4, pp.43-50, 1995 (National Refreed University Journal)
- III. **Yukowa Etkileşmeli Yüklü Katı Küre Potansiyeli ile 3d Geçiş Metallerinin Sıvı Yapısı**
KAVANOZ H. B. , Yılmaz M., Karagözlü S., Gümüş İ.
Yıldız Teknik Üniversitesi Dergisi, vol.4, pp.27-32, 1995 (National Non-Refreed Journal)
- IV. **MCl₂ Tipi Tuzların Sıvı-Katı Faz Geçişleri**
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Refereed Congress / Symposium Publications in Proceedings

- I. **Comparison of Undoped and Doped Single Crystal and Grain Boundary CdTe Structure**
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- IV. **Preliminary Results of Calculation of Ionic Conductivity of Molten Ag-Based Superionics**
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- VII. **FIRST PRINCIPLE CALCULATION OF STROMEYERITE**
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- IX. **A Study of Low Temperature Thermal Expansion and Structural Behaviour of Stromeyerite AgCuS**
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- X. **Thermophysical Properties of Liquid Thallium Halides (TlBr, TlCl, TlI) from Hypernetted Chain Theory**
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Turkish Physical Society 28 International Physics Congress, Muğla, Turkey, 6 - 09 September 2011, pp.825

- XI. **Molecular dynamics simulation of thermal properties of Ag₃SI**
Öztek H., KAVANOZ H. B. , AKDERE Ü., YILMAZ M., Taşseven Ç.
7th International Conference of the Balkan Physical Union, Alexandroupoli, Greece, 9 - 13 September 2009, vol.1203, pp.252-254
- XII. **Static Criteria for Freezing of Liquid Halide Salts**
Akdere Ü., Yılmaz M., Kavanoz H. B. , Taşseven Ç.
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- XIII. **Hypernetted Chain Theory and Molecular Dynamic Simulation of Static Structure and Ionic Transport in Molten UO₂ and UCl₃**
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- XV. **Erimiş UCl₃ ün Yapısal Özelliklerinin Kurumsal Tayini**
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- XVI. **İyonik Sıvıların Statik Dielektrik Fonksiyonu**
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- XVII. **Thermodynamic Properties Associated with Changes in Shape of Components in Binary Mixtures**
Yılmaz M., Gürbüz H. H.
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- XVIII. **Static Structure of 3:1 Molten Salts**
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- XIX. **Effective Charges and Ionicity in Molten Salts**
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- XX. **Investigation of The Structure of a number of 3:1 Molten Salts**
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Trakya Workshop on Liquid State Physics, Edirne, Turkey, 31 August - 04 September 1999, pp.1
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4th Liquid Matter Conference, Granada, Spain, 3 - 07 July 1999, vol.23, pp.24-0
- XXII. **Thermodynamic Calculations for Liquid Sodium-Potassium**
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- XXIII. **Bridge Functions of Molten Salts from Molecular Dynamic Simulations**
Taşseven Ç., Kavanoz H. B. , Yılmaz M.
Second International Kaş-School on Liquid State Physics, Antalya, Turkey, 15 - 25 September 1998, pp.20-24
- XXIV. **Integral Equations Calculations of the Static Structure of Molten MX₃ Systems**
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- XXV. **Bulk Modulus Calculations for Liquid Binary Alloys**
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İstanbul Teknik Üniversitesi 3. İstatistik Fizik Günleri, İstanbul, Turkey, 17 - 18 July 1996, vol.21, no.1, pp.177
- XXVI. **Percus-Yevick Denkleminin Katı Küre çözümü ve Sıvı Metallerin Yapı Faktörünün Hesaplanması**
Yılmaz M.
II. Trakya Teorikl Fizik Seminerleri, Edirne, Turkey, 26 - 29 May 1989, pp.1-0

XXVII. Metal Tuzlarının Kristalleşmesinde Süper İyonik İletkenlik Davranışları

Akdeniz K. G. , Dalgıç S., Gümüş İ. A. , Gürbüz H. H. , Karagözlü S., Kavanoz H. B. , Yılmaz M.

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XXVIII. MCl₂ Tipi Tuzların Kristalleşmesi

Yılmaz M., Dalgıç S., Gümüş İ. A.

Türk Fizik Derneği I. Ulusal Yoğun Madde Fiziği Kongresi, Muğla, Turkey, 27 - 29 September 1988, pp.32-0

XXIX. Effective Charges and Ionicity in Molten Salts

KAVANOZ H. B. , Yılmaz M., Gürbüz H.

BPU-4 4. General Conference of the Balkan Physical Union