

Prof. NECMETTİN MARAŞLI

Personal Information

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Biography

Prof. Dr. Necmettin MARAŞLI doktorasını Oxford Üniversitesi, Malzeme Bölümü'nden 1995 yılında tamamladı. İstanbul Gelişim Üniversitesi Mühendislik ve Mimarlık Fakültesi Uçak Mühendisliği (İngilizce) Bölümü'nde tam zamanlı profesör olarak görev yapmaktadır. Araştırma ilgi alanları arasında doğrusal katılma, katı-sıvı arayüzey enerji ölçümleri, termal ve elektriksel iletkenliklerin sıcaklık değişimi ve çok bileşenli metalik ve şeffaf organik alaşımlarda mekanik ve termofiziksel özelliklerin büyüme oranlarına bağımlılığı yer almaktadır. Son zamanlarda, düzgün yüksek elektrik alanları altında katılaşmalar üzerinde çalışıyor. 40 araştırma projesin de görev aldı ve etki faktörü yüksek uluslararası dergilerde 140 bilimsel makale yayınlamıştır. Ayrıca birçok uluslararası dergide yayın kurulu üyeliği ve hakemlik yapmaktadır. Aynı zamanda çeşitli üniversitelerde Bölüm başkanlığı, Enstitü Müdür Yardımcılığı, Enstitü Müdürlüğü, Üniversite Senato üyeliği ve Üniversite Yönetim Kurulu üyeliği görevlerinde bulunmuştur. Halen İstanbul Gelişim Üniversitesi'nde Araştırmadan Sorumlu Rektör Yardımcılığı ve Mühendislik Mimarlık Fakültesi Dekanlığı görevlerini yürütmektedir

Education Information

Doctorate, University of Oxford, Department of Materials, England 1990 - 1995

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), Turkey 1986 - 1988

Undergraduate, Ataturk University, Kâzım Karabekir Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi, Turkey 1982 - 1986

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, The Measurements of solid-liquid surface energy, University of Oxford, 1995

Postgraduate, Saydam organik maddelerinin katı-sıvı yüzey enerjisinin ölçümü, Erciyes University, Fen Bilimleri Enstitüsü, Fizik (YI) (Tezli), 1988

Research Areas

Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Istanbul Gelisim University, FACULTY OF ENGINEERING AND ARCHITECTURE, AERONAUTICAL ENGINEERING (ENGLISH), 2022 - Continues

Professor, Istanbul Aydin University, Faculty Of Engineering, Department Of Mechanical Engineering, 2021 - 2022

Professor, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Metallurgical And Materials Engineering, 2013 - 2021

Professor, Erciyes University, Fen Fakültesi, Fizik, 2005 - 2013

Associate Professor, Erciyes University, Fen Fakültesi, Fizik, 2003 - 2005

Associate Professor, Iowa State University, Ames Laboratoty, Material Sciences And Engineering, 2002 - 2003

Associate Professor, Erciyes University, Fen Fakültesi, Fizik, 2000 - 2002

Assistant Professor, Erciyes University, Fen Fakültesi, Fizik, 1996 - 2000

Research Assistant, University of Oxford-St. Edmund Hall, Mathematical, Physical And Live Sciences Division, Department Of Materials, 1990 - 1995

Research Assistant, Erciyes University, Fen Fakültesi, 1987 - 1990

Academic and Administrative Experience

Dean, Istanbul Gelisim University, FACULTY OF ENGINEERING AND ARCHITECTURE, 2022 - Continues

Vice Rector, Istanbul Gelisim University, 2022 - Continues

Head of Department, Istanbul Aydin University, Faculty Of Engineering, Department Of Mechanical Engineering, 2021 - 2022

Head of Department, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Metallurgical And Materials Engineering, 2016 - 2019

Director of The Institution, Erciyes University, Fen Bilimleri Enstitüsü, 2010 - 2013

Head of Department, Erciyes University, Fen Fakültesi, Fizik, 2009 - 2010

Assistant Director of the Institute, Erciyes University, Fen Bilimleri Enstitüsü, 2004 - 2010
Erciyes University, 2005 - 2009

Courses

İLERİ FAZ DÖNÜŞÜMLERİ VE KİNETİĞİ-I, Postgraduate, 2014 - 2015

HEAT AND MASS TRANSFERS, Undergraduate, 2014 - 2015

MALZEME TERMODİNAMİĞİ-I, Undergraduate, 2014 - 2015

FUNDEMENTALS OF ACADEMIC WRITING AND PRESENTATION, Undergraduate, 2014 - 2015, 2013 - 2014

MALZEME TERMODİNAMİĞİ-II, Undergraduate, 2014 - 2015

İLERİ FAZ DÖNÜŞÜMLERİ VE KİNETİĞİ-II, Postgraduate, 2013 - 2014

HEAT AND MASS TRASFERS, Undergraduate, 2013 - 2014

FAZ DİYAGRAMLARI, Undergraduate, 2012 - 2013, 2010 - 2011

Advising Theses

NECMETTİN M., Farklı yön ve büyüklükteki durgun elektrik alan altında katılaştırılan biyobozunur çinko-bakır peritektik alaşımının mikroyapı ve mekanik özelliklerinin incelenmesi, Postgraduate, Y.YAVUZ(Student), 2021

NECMETTİN M., Alüminyum silisyum ötektik alaşımının mikroyapı ve mekanik özelliklerinin elektrik alana bağlılığının incelenmesi, Postgraduate, S.BİRİNCİ(Student), 2020

NECMETTİN M., Farklı yön ve büyüklükte uygulanan düzgün elektrik alan altında katılaştırılan alüminyum@bakır ve alüminyum@nikel ötektik alaşımların mikroyapı ve mekanik özelliklerinin elektrik alana bağlılıklarının incelenmesi, Doctorate, S.BASİT(Student), 2020

NECMETTİN M., Titanyum, zirkonyum ve bor katkılı a356 alaşımlarının termal iletkenliklerinin ve mekanik özelliklerinin incelenmesi, Postgraduate, Z.SUEDA(Student), 2020

NECMETTİN M., Kontrollü doğrusal katılaştırılmış alüminyum içerikli çoklu ötektik alaşımların yapı parametreleri ile mekanik, elektrik ve termal özelliklerinin katılaştırma hızına bağlılıklarının incelenmesi, Doctorate, Ü.BAYRAM(Student), 2017

NECMETTİN M., Doğrusal katılaştırılmış çinko-alüminyum esaslı üçlü ötektik alaşımların yapı parametreleri ile mekanik ve elektriksel özelliklerinin katılaştırma hızına bağlılıklarının incelenmesi, Postgraduate, Y.KARAMAZI(Student), 2015

NECMETTİN M., Çoklu organik alaşımların katı-sıvı arayüzey enerjilerinin ölçümü, Postgraduate, A.ÖZER(Student), 2014

NECMETTİN M., Doğrusal katılaştırılmış alüminyum esaslı ötektik çoklu alaşımlarda yapı parametreleri, mekanik ve elektriksel özelliklerinin katılaştırma hızına bağlılığının incelenmesi, Doctorate, Y.KAYGISIZ(Student), 2014

NECMETTİN M., Kontrollü katılaştırılan çok bileşenli ötektik alaşımların, mekanik ve elektriksel özelliklerinin katılaştırma parametrelerine bağlılığının incelenmesi, Doctorate, S.ENGİN(Student), 2013

NECMETTİN M., Kontrollü katılaştırılmış Sn-Zn ve Al-Co ötektik alaşımlarının ötektik mesafe, mikrosertlik ve elektriksel öz direnç değerlerinin büyütme hızına bağlılığının incelenmesi, Postgraduate, S.JAAFAR(Student), 2013

NECMETTİN M., Doğrusal katılaştırılmış Pb-Bi alaşımlarında mikroyapı ve mikrosertliğin katılaştırma parametrelerine bağlılığı, Postgraduate, Y.KOÇAK(Student), 2012

NECMETTİN M., Neopentilglikol-dikamfor sisteminde katı-sıvı arayüzey enerjisi ve termal iletkenliğin ölçümü, Postgraduate, Ü.BAYRAM(Student), 2011

NECMETTİN M., Üçlü metalik alaşımların katı-sıvı arayüzey enerjilerinin ölçümü, Doctorate, S.AKSÖZ(Student), 2010

NECMETTİN M., Metalik alaşımların katı-sıvı arayüzey enerjilerinin doğrusal büyütme tekniği ile ölçümü, Postgraduate, S.ENGİN(Student), 2009

NECMETTİN M., Üçlü metalik alaşımların kontrollü doğrusal katılaştırılması ve mikrosertliğinin incelenmesi, Doctorate, U.BÖYÜK(Student), 2009

NECMETTİN M., İkili metalik alaşımların katı-sıvı arayüzey enerjilerinin ölçümü, Postgraduate, Y.KAYGISIZ(Student), 2009

NECMETTİN M., Saf dibromobenzene ve dibromobenzene-succinonitrile ikili alaşımının katı-sıvı arayüzey enerjilerinin ölçümü, Postgraduate, K.YÜCEER(Student), 2007

NECMETTİN M., Bi-Cd ve Zn-Mg ötektik alaşımlarında katı-sıvı arayüzey enerjileri, Doctorate, M.EROL(Student), 2006

NECMETTİN M., İkili saydam monotektik alaşımların katı-sıvı arayüzey enerjilerinin ölçümü, Postgraduate, S.AKBULUT(Student), 2006

NECMETTİN M., İkili saydam organik alaşımların katı-sıvı arayüzey enerjilerinin ölçümü, Postgraduate, U.BÖYÜK(Student), 2005

NECMETTİN M., İkili saydam organik alaşımların doğrusal karşılaştırılması, Postgraduate, B.ARSLAN(Student), 2003

NECMETTİN M., Katı-sıvı arayüzey enerjisinin ölçümü, Doctorate, K.KEŞLİOĞLU(Student), 2002

NECMETTİN M., İkili saydam organik alaşımların katı-sıvı yüzey enerjilerinin ölçümü, Postgraduate, A.UÇKAN(Student), 2000

Jury Memberships

Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, July, 2023

Associate Professor Exam, Associate Professor Exam, Burdur Mehmet Akif Ersoy Üniversitesi, July, 2023

Associate Professor Exam, Associate Professor Exam, Erciyes Üniversitesi, July, 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effects of external static electrical field on thermal and electrical conductivity in the Al-Cu, Al-Ni, and Al-Si eutectic alloys**
Basit S., Esener P. A., Aydoğan Y. Y., Aksöz S., Maraşlı N.
Thermochimica Acta, vol.740, 2024 (SCI-Expanded)
- II. **Effect of Minor Sb Additions on Thermal Properties, Microstructure and Microhardness of Sn-Ag-Cu High-Temperature Solder Alloys**
Sezen Aksöz A., Öcal F., Esener P. A., Öztürk E., Maraşlı N.
Physics of Metals and Metallography, vol.124, no.13, pp.1547-1554, 2023 (SCI-Expanded)
- III. **Influences of Directions and Magnitudes of Static Electrical Field on Microstructure and Mechanical Properties for Al-Si Eutectic Alloy**
Birinci S., Basit S., Maraşlı N.
Journal of Materials Engineering and Performance, vol.31, no.6, pp.5070-5079, 2022 (SCI-Expanded)
- IV. **Solidification of A356 Alloy Under Different Directions and Magnitudes of Static Electrical Field**
Basit S., Birinci S., Maraşlı N.
International Journal of Metalcasting, vol.16, no.2, pp.814-825, 2022 (SCI-Expanded)
- V. **Effects of Bi content on thermal, microstructure and mechanical properties of Sn-Bi-In-Zn solder alloy systems**
Aksöz S., Esener P. A., Öztürk E., Maraşlı N.
Journal of Materials Science: Materials in Electronics, vol.33, no.1, pp.11-26, 2022 (SCI-Expanded)
- VI. **The variations of electrical resistivity and thermal conductivity with growth rate for the Zn-Al-Cu eutectic alloy**
Maraşlı N., Bayram Ü., Aksöz S.
Journal of Materials Science: Materials in Electronics, vol.32, no.13, pp.18212-18223, 2021 (SCI-Expanded)
- VII. **Investigations of Electrical Resistivity and Thermal Conductivity Dependences on Growth Rate in the Al-Cu-Ti Eutectic Alloy**
Maraşlı N., Bayram Ü.
International Journal of Thermophysics, vol.42, no.6, 2021 (SCI-Expanded)
- VIII. **The Variations of Electron and Phonon Contributions to the Thermal Conductivity with Temperature in the Sn-Bi-In-Zn Alternative Lead-Free Solder Alloys**
Pınar Ata Esener A., Aksöz S., Öztürk E., Maraşlı N.
Physics of Metals and Metallography, vol.121, no.14, pp.1365-1374, 2020 (SCI-Expanded)
- IX. **Growth of rod structure with static electrical field in the Al-Ni eutectic system**
Basit S., Birinci S., Maraşlı N.
Journal of Materials Science: Materials in Electronics, vol.31, no.17, pp.14055-14068, 2020 (SCI-Expanded)
- X. **Effects of Growth Rate on Eutectic Spacing, Microhardness, and Ultimate Tensile Strength in the Al-Cu-Ti Eutectic Alloy**
Bayram Ü., Maraşlı N.
Physics of Metals and Metallography, vol.121, no.4, pp.382-390, 2020 (SCI-Expanded)
- XI. **Electro growth of Al[β]Cu eutectic alloy**
Basit S., Birinci S., Maraşlı N.
Materials Characterization, vol.161, 2020 (SCI-Expanded)
- XII. **Directionally Solidified Al-Cu-Si-Fe Quaternary Eutectic Alloys**
BÜYÜK U., Engin S., KAYA H., Çadırılı E., MARAŞLI N.
Physics of Metals and Metallography, vol.121, no.1, pp.78-83, 2020 (SCI-Expanded)
- XIII. **Electrical and thermal conductivity and phonon contribution to the thermal conductivity in the bi-in system Bi-in sisteminde elektrikselsel ve isil iletkenlik ve isil iletkenliğe fonon katkisi**
Ata Esener P., Bayram Ü., Öztürk E., Aksöz S., Maraşlı N.
Isi Bilimi Ve Tekniği Dergisi/ Journal of Thermal Science and Technology, vol.40, no.2, pp.367-378, 2020 (SCI-Expanded)
- XIV. **Effect of Sn contents on thermodynamic, microstructure and mechanical properties in the Zn 90 -Bi 10 and Bi 88 -Zn 12 based ternary alloys**

- Esener P. A., Altıntaş Y., Bayram Ü., Öztürk E., Maraşlı N., Aksöz S.
Journal of Materials Science: Materials in Electronics, vol.30, no.4, pp.3678-3691, 2019 (SCI-Expanded)
- XV. **Influence of Growth Rate on Eutectic Spacing, Microhardness, and Ultimate Tensile Strength in the Directionally Solidified Al-Cu-Ni Eutectic Alloy**
BAYRAM Ü., MARAŞLI N.
Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, vol.49, no.6, pp.3293-3305, 2018 (SCI-Expanded)
- XVI. **Thermal conductivity and electrical resistivity dependences on growth rate in the directionally solidified Al-Cu-Ni eutectic alloy**
BAYRAM Ü., MARAŞLI N.
Journal of Alloys and Compounds, vol.753, pp.695-702, 2018 (SCI-Expanded)
- XVII. **Thermophysical properties of NPG solid solution in the NPG-SCN organic system**
Karadağ S. B., ÖZTÜRK E., Aksöz S., MARAŞLI N.
International Journal of Materials Research, vol.109, no.3, pp.219-224, 2018 (SCI-Expanded)
- XVIII. **Microstructural, mechanical, and electrical characterization of directionally solidified Al-Cu-Mg eutectic alloy**
Kaygısız Y., MARAŞLI N.
Physics of Metals and Metallography, vol.118, no.4, pp.389-398, 2017 (SCI-Expanded)
- XIX. **Directional solidification of Al-Cu-Si-Mg quaternary eutectic alloy**
Kaygısız Y., MARAŞLI N.
Journal of Alloys and Compounds, vol.721, pp.764-771, 2017 (SCI-Expanded)
- XX. **Hardness and electrical resistivity of Al-13 wt % Mg₂Si pseudoeutectic alloy**
Kaygısız Y., MARAŞLI N.
Russian Journal of Non-Ferrous Metals, vol.58, no.1, pp.15-21, 2017 (SCI-Expanded)
- XXI. **Experimental measurements of some thermophysical properties of solid CdSb intermetallic in the Sn-Cd-Sb ternary alloy**
ÖZTÜRK E., Aksöz S., ALTINTAS Y., Keşlioğlu K., MARAŞLI N.
Journal of Thermal Analysis and Calorimetry, vol.126, no.3, pp.1059-1065, 2016 (SCI-Expanded)
- XXII. **Dependence of microstructure, microhardness, tensile strength and electrical resistivity on growth rates for directionally solidified Zn-Al-Sb eutectic alloy**
BAYRAM Ü., Karamazi Y., Ata P., Aksöz S., Keşlioğlu K., MARAŞLI N.
International Journal of Materials Research, vol.107, no.11, pp.1005-1015, 2016 (SCI-Expanded)
- XXIII. **Dependence of microstructural, mechanical and electrical properties on growth rates in directional solidified Zn-Al-Bi eutectic alloy**
KARAMAZI Y., BAYRAM Ü., ATA P., AKSÖZ S., KEŞLİOĞLU K., MARAŞLI N.
Transactions of Nonferrous Metals Society of China (English Edition), vol.26, no.9, pp.2320-2335, 2016 (SCI-Expanded)
- XXIV. **The experimental determination of thermophysical properties of intermetallic CuAl₂ phase in equilibrium with (Al + Cu + Si) liquid**
ALTINTAS Y., Aksöz S., Keşlioğlu K., MARAŞLI N.
Journal of Chemical Thermodynamics, vol.97, pp.228-234, 2016 (SCI-Expanded)
- XXV. **The effects of microstructure and growth rate on microhardness, tensile strength, and electrical resistivity for directionally solidified Al-Ni-Fe alloys**
Engin S., Büyük U., MARAŞLI N.
Journal of Alloys and Compounds, vol.660, pp.23-31, 2016 (SCI-Expanded)
- XXVI. **The measurements of electrical and thermal conductivity variations with temperature and phonon component of the thermal conductivity in Sn-Cd-Sb, Sn-In-Cu, Sn-Ag-Bi and Sn-Bi-Zn alloys**
Altıntaş Y., Kaygısız Y., ÖZTÜRK E., Aksöz S., Keşlioğlu K., MARAŞLI N.
International Journal of Thermal Sciences, vol.100, pp.1-9, 2016 (SCI-Expanded)
- XXVII. **Solid-Liquid Interfacial Energy of Solid Succinonitrile in Equilibrium with Succinonitrile-(D)Camphor-Aminomethylpropanediol Eutectic Liquid**

- Ata P., Karamazı Y., BAYRAM Ü., Aksöz S., Keşlioğlu K., MARAŞLI N.
International Journal of Thermophysics, vol.37, no.1, pp.1-13, 2016 (SCI-Expanded)
- XXVIII. **Thermal conductivity of solid phases for Naphtol, Camphene, Salol, and Bezil**
BAYRAM Ü., Keşlioğlu K., Aksöz S., MARAŞLI N.
Journal of Thermophysics and Heat Transfer, vol.30, no.4, pp.730-736, 2016 (SCI-Expanded)
- XXIX. **The Experimental Determination of Interfacial Energies for Solid Zn in Equilibrium with Zn-Al-Sb Liquid**
ALTINTAS Y., ÖZTÜRK E., Aksöz S., Keşlioğlu K., MARAŞLI N.
Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, vol.46, no.5, pp.2084-2095, 2015 (SCI-Expanded)
- XXX. **Thermal conductivity and interfacial energy of solid Bi in the Bi-Ag eutectic system**
Altıntas Y., ÖZTÜRK E., Aksöz S., Keşlioğlu K., MARAŞLI N.
Journal of Thermal Analysis and Calorimetry, vol.122, no.1, pp.65-72, 2015 (SCI-Expanded)
- XXXI. **Determination of thermodynamic properties of aluminum based binary and ternary alloys**
ALTINTAS Y., Aksöz S., Keşlioğlu K., MARAŞLI N.
Journal of Alloys and Compounds, vol.649, pp.453-460, 2015 (SCI-Expanded)
- XXXII. **Experimental determination of interfacial energies for solid Sn in equilibrium with Sn-Mg-Zn liquid**
ALTINTAS Y., ÖZTÜRK E., Aksöz S., Keşlioğlu K., MARAŞLI N.
Metals and Materials International, vol.21, no.2, pp.286-294, 2015 (SCI-Expanded)
- XXXIII. **Microstructural, mechanical and electrical characterization of directionally solidified Al-Si-Mg eutectic alloy**
Kaygisiz Y., MARAŞLI N.
Journal of Alloys and Compounds, vol.618, pp.197-203, 2015 (SCI-Expanded)
- XXXIV. **Directional solidification of Zn-Al-cu eutectic alloy by the vertical bridgman method**
BÜYÜK U., Engin S., MARAŞLI N.
Journal of Mining and Metallurgy, Section B: Metallurgy, vol.51, no.1, pp.67-72, 2015 (SCI-Expanded)
- XXXV. **Solid-liquid interfacial energy of solid succinonitrile in equilibrium with succinonitrile-1,4-diiodobenzene eutectic liquid**
Ersoy Ş., ALTINTAS Y., Karadağ S., Aksöz S., Keşlioğlu K., MARAŞLI N.
Journal of Thermal Analysis and Calorimetry, vol.119, no.3, pp.1867-1874, 2015 (SCI-Expanded)
- XXXVI. **The Measurement of Thermal Conductivity Variation with Temperature for Sn-Based Lead-Free Binary Solders**
Demir M., Aksöz S., ÖZTÜRK E., MARAŞLI N.
Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, vol.45, no.5, pp.1739-1749, 2014 (SCI-Expanded)
- XXXVII. **Temperature dependency of thermal conductivity of solid phases for fatty acids**
BAYRAM Ü., Aksöz S., MARAŞLI N.
Journal of Thermal Analysis and Calorimetry, vol.118, no.1, pp.311-321, 2014 (SCI-Expanded)
- XXXVIII. **The experimental determination of interfacial energies for solid Cd in equilibrium with Sn-Cd-Sb liquid**
ÖZTÜRK E., Aksöz S., Keşlioğlu K., MARAŞLI N.
Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, vol.45, no.3, pp.1161-1170, 2014 (SCI-Expanded)
- XXXIX. **Thermal conductivity variation with temperature for Lead-Free ternary eutectic solders**
Aksöz N., Öztürk E., Bayram Ü., Aksöz S., Kervan S., Ülgen A., Maraşlı N.
Journal of Electronic Materials, vol.42, no.12, pp.3573-3581, 2013 (SCI-Expanded)
- XL. **Solid-liquid interfacial energy of solid neopentylglycol solution in equilibrium with neopentylglycol-aminomethylpropanediol eutectic liquid**
Bayram Ü., Özer A., Aksöz S., Maraşlı N.
Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, vol.44, no.9, pp.4042-4050, 2013 (SCI-Expanded)

- XLI. Solid-liquid interfacial energy of solid succinonitrile solution in equilibrium with succinonitrile-neopentylglycol eutectic liquid**
Karadağ S. B., Altıntaş Y., Öztürk E., Aksöz S., Keşlioğlu K., Maraşlı N.
Journal of Crystal Growth, vol.380, pp.209-217, 2013 (SCI-Expanded)
- XLII. 1 on the eutectic spacings, undercoolings and microhardness of directional solidified bismuth-lead eutectic alloy**
Koçak Y., Engin S., Böyük U., Maraşlı N.
Current Applied Physics, vol.13, no.3, pp.587-593, 2013 (SCI-Expanded)
- XLIII. The measurement of interfacial energies for solid Sn solution in equilibrium with the Sn-Bi-Ag liquid**
Öztürk E., Aksöz S., Keşlioğlu K., Maraşlı N.
Materials Chemistry and Physics, vol.139, no.1, pp.153-160, 2013 (SCI-Expanded)
- XLIV. The measurement of thermal conductivity variation with temperature for Sn-20 wt.% in based lead-free ternary solders**
ÖZTÜRK E., Aksöz S., Keşlioğlu K., MARAŞLI N.
Thermochimica Acta, vol.554, pp.63-70, 2013 (SCI-Expanded)
- XLV. Solid-liquid interfacial energy of solid aminomethylpropanediol solution in equilibrium with aminomethylpropanediol-neopentylglycol-D camphor liquid**
BAYRAM Ü., Aksöz S., MARAŞLI N.
Thermochimica Acta, vol.554, pp.48-53, 2013 (SCI-Expanded)
- XLVI. Influence of growth rate on microstructure, microhardness, and electrical resistivity of directionally solidified Al-7 wt% Ni hypo-eutectic alloy**
KAYA H., Böyük U., Çadırh E., MARAŞLI N.
Metals and Materials International, vol.19, no.1, pp.39-44, 2013 (SCI-Expanded)
- XLVII. Solid-liquid interfacial energy of neopentylglycol solid solution in equilibrium with succinonitrile-neopentylglycol-aminomethylpropanediol liquid**
Özer A., BAYRAM Ü., Aksöz S., MARAŞLI N.
Journal of Crystal Growth, vol.364, pp.34-39, 2013 (SCI-Expanded)
- XLVIII. The measurement of thermal conductivity variation with temperature for solid materials**
Aksöz S., ÖZTÜRK E., MARAŞLI N.
Measurement: Journal of the International Measurement Confederation, vol.46, no.1, pp.161-170, 2013 (SCI-Expanded)
- XLIX. Measurements of thermal conductivity variations with temperature for the organic analog of the nonmetal-nonmetal system: Urea-4-bromo-2-nitroaniline**
BAYRAM Ü., ÖZTÜRK E., Aksöz S., MARAŞLI N.
Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, vol.44, no.9, pp.4051-4058, 2013 (SCI-Expanded)
- L. Variations of thermal conductivity with temperature and composition of Zn in the Bi-[x] at.% Zn-2 at.% Al alloys**
Aksöz S., MARAŞLI N., Keşlioğlu K., Yıldız F.
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