Prof. Dr. HASAN HAMİT YURTSEVEN

Kişisel Bilgiler

İş Telefonu: +90 210 505 6
E-posta: hamit@metu.edu.tr
Web: https://avesis.metu.edu.tr/hamit

Uluslararası Araştırmacı ID'leri
ScholarID: CvmKz5IAAAAJ
ORCID: 0000-0002-7745-6490
Publons / Web Of Science ResearcherID: ABA-9994-2020
ScopusID: 9334413200
Yoksis Araştırmacı ID: 11797

Eğitim Bilgileri

Doktora, University of London-Kings College London, Birleşik Krallık 1980 - 1984
Lisans, Hacettepe Üniversitesi, Mühendislik Fakültesi, Türkiye 1972 - 1977

Yaptığı Tezler

Doktora, Analysis of the Critical Phenomena using Raman data, University Of London-Kings College London, 1984

Araştırma Alanları

Temel Bilimler

Akademik Unvanlar / Görevler

Prof. Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü, 2003 - Devam Ediyor
Prof. Dr., İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, 1994 - 2003
Doç. Dr., İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, 1988 - 1994
Yrd. Doç. Dr., İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, 1987 - 1988
Araştırma Görevlisi, Ankara Üniversitesi, Fen Fakültesi, 1985 - 1987

Verdiği Dersler

Thermodynamics and Statistical Mechanics, Lisans, 2020 - 2021

Yönetilen Tezler

YURTSEVEN H. H., Faz geçişleri yakınında katı azotun yüksek basınç fazlarının termodinamik özellikleri, Doktora, Ö.Akay(Öğrenci), 2020

YURTSEVEN H. H., Critical behaviour of the thermodynamic quantities close to phase transitions in molecular crystals using raman data, Doktora, H.ÖZDEMİR(Öğrenci), 2017
YURTSEVEN H. H., First order and second order phase transitions in quartz and related materials, Doktora, M.CEM(Öğrenci), 2017
YURTSEVEN H. H., Investigation of the dynamic properties of ferroelectric crystals close to phase transitions, Doktora, A.KİRACI(Öğrenci), 2015
YURTSEVEN H. H., Calculation of the thermodynamic and spectroscopic quantities in molecular crystals close to the phase transitons, Doktora, D.KAVRUK(Öğrenci), 2011
YURTSEVEN H. H., Critical behaviour of the thermodynamic quantities for the thermotropic and ferroelectric liquid crystals close to the phase transitions, Doktora, E.KİLİT(Öğrenci), 2011
YURTSEVEN H. H., Katı azot ve benzenın çeşitli fazlarında hacim verisi kullanarak raman frekanslarının hesaplanması., Yüksek Lisans, E.Çetinbaş(Öğrenci), 2011
YURTSEVEN H. H., Kuartzın alfa beta geçişi., Yüksek Lisans, M.Cem(Öğrenci), 2011
YURTSEVEN H. H., Calculation of phase diagrams and the thermodynamic quantities from the mean field models close to phase transitions in molecular and liquid crystals, Doktora, S.ŞEN(Öğrenci), 2009
YURTSEVEN H. H., Faz değişimi gösteren sistemler için spektroskopik parametreler ve termodinamik nicelikler arasındaki bağlantılar, Doktora, H.Karaçalı(Öğrenci), 2005
YURTSEVEN H. H., Correlations between the spectroscopic parameters and the thermodynamic quantites for systems exhibiting phase transitions, Doktora, H.KARAÇALI(Öğrenci), 2005
YURTSEVEN H. H., The Analysis of various systems by using landau mean field theory, Doktora, Y.ENGİNER(Öğrenci), 2001
YURTSEVEN H. H., Amonyum halojenler ve sıvı kristallerde faz geçişlerinin incelenmesi, Doktora, A.TÜBLEK(Öğrenci), 2001

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. **Tricritical behavior of the smectic-hexatic phase transitions in binary mixtures using the landau mean field theory**
YURTSEVEN H. H., Kilit Doğan E.
PHASE TRANSITIONS, cilt.96, sa.6, ss.383-399, 2023 (SCI-Expanded)
II. **Calculation of the T - X phase diagram and the thermodynamic quantities for the binary mixtures of Tetradecane + Hexadecane using the Landau mean field model**
YURTSEVEN H. H., Tari O.
Physics and Chemistry of Liquids, cilt.61, sa.5, ss.340-364, 2023 (SCI-Expanded)
III. **Investigation of the complex magnetic behavior of Ni46.86Co2.91Mn38.17Sn12.06(at%) magnetic shape memory alloy at low temperatures**
Ylldlrlm O., Yuce S., Bruno N. M., Doğan E. K., YURTSEVEN H. H., DUMAN E., EMRE Ş. B.
Physica Scripta, cilt.97, sa.8, 2022 (SCI-Expanded)
IV. **Calculation of the T – X phase diagram of tetradecane + hexadecane and tetradecane + pentadecane under high pressure by the landau mean field theory**
Tari O., YURTSEVEN H. H.
Fluid Phase Equilibria, cilt.559, 2022 (SCI-Expanded)
V. **Calculation of the phase diagram of n-alkanes (CnH2n+2) by the Landau mean field theory**
YURTSEVEN H. H., Kilit Dogan E.
Fluid Phase Equilibria, cilt.556, 2022 (SCI-Expanded)
VI. **Calculation of the T-X phase diagram for the first-order smectic-hexatic transitions in binary mixtures**
Kilit Dogan E., YURTSEVEN H. H.
Physics of Fluids, cilt.34, sa.4, 2022 (SCI-Expanded)
VII. **Magnetic transitions in two novel mixed-valence iron(II)–iron(III) metal formate frameworks: Two**

sublattice model
YURTSEVEN H. H., Tari O.
Journal of Magnetism and Magnetic Materials, cilt.546, 2022 (SCI-Expanded)

VIII. **Calculation of the magnetization and the heat capacity for [NH2 NH3][M(HCOO)3] (M=Fe, Mn) near the phase transitions**
YURTSEVEN H. H., Doğan E.
Ferroelectrics, cilt.600, sa.1, ss.73-87, 2022 (SCI-Expanded)

IX. **Calculation of the spin-lattice relaxation time and the activation energy near the IV–III phase transition in pyridinium fluorosulfonate (C5NH6)FSO3**
Kara N., Kiraci A., YURTSEVEN H. H.
Ferroelectrics, cilt.589, sa.1, ss.45-54, 2022 (SCI-Expanded)

X. **Magnetic, thermal and ferroelectric properties of MOFs (MHyM, M = Fe, Mn) close to phase transitions**
YURTSEVEN H. H., Kilit Dogan E.
Journal of Magnetism and Magnetic Materials, cilt.540, 2021 (SCI-Expanded)

XI. **Calculation of the Liquid-Solid Phase Diagram and the Thermodynamic Quantities of the Binary System of Tetradecane and Hexadecane Using the Mean Field Theory**
Yurtseven H., Emirosmanoglu T., Tari O.
JOURNAL OF SOLUTION CHEMISTRY, cilt.50, sa.11-12, ss.1335-1362, 2021 (SCI-Expanded)

XII. **Landau phenomenological model for the alpha-INC (incommensurate)-beta transition in quartz**
Yurtseven H. H., Ates S.
PHILOSOPHICAL MAGAZINE, cilt.101, sa.21, ss.2331-2353, 2021 (SCI-Expanded)

XIII. **Investigation of vibrational, elastic and dielectric properties of cubic gauche nitrogen (cg-N)**
Akay Ö., YURTSEVEN H. H.
Optik, cilt.236, 2021 (SCI-Expanded)

XIV. **Calculation of the damping constant and the relaxation time of the LA mode in the incommensurate phase of quartz**
Ates S., Yurtseven H.
FERROELECTRICS, cilt.573, sa.1, ss.9-22, 2021 (SCI-Expanded)

XV. **Phenomenological approaches on the Nd3+ doped ferroelectric LaBGeO5**
Kara N., Kiraci A., YURTSEVEN H. H.
FERROELECTRICS, cilt.572, sa.1, ss.13-26, 2021 (SCI-Expanded)

XVI. **Calculation of the inverse relaxation time and the activation energy as a function of temperature for the Raman modes close to the phase transitions in solid nitrogen**
Yurtseven H., Akay O.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1226, 2021 (SCI-Expanded)

XVII. **Calculation of Magnetization and Magnetic Susceptibility Close to Magnetic Phase Transitions in (CH3)2NH2FeIIINiII(HCOO)6 and (CH3)2NH2FeIIICuII(HCOO)6**
YURTSEVEN H. H., Tari O.
Journal of Low Temperature Physics, cilt.202, ss.145-159, 2021 (SCI-Expanded)

XVIII. **Analysis of the IR-Raman Modes and the Heat Capacity Near the α-Inc-β Transitions in Quartz**
YURTSEVEN H. H., Günay E., Karacali H., Ateş S.
Ferroelectrics, cilt.577, sa.1, ss.125-142, 2021 (SCI-Expanded)

XIX. **Temperature dependence of the piezoelectric resonance frequency in relation to the anomalous strain near the incommensurate phase of quartz**
Ates S., Yurtseven H.
FERROELECTRICS, cilt.571, sa.1, ss.39-49, 2021 (SCI-Expanded)

XX. **Calculation of the thermodynamic functions from the Raman frequency shifts close to the epsilon - delta(loc) - delta transitions and Pippard relations in nitrogen**
Akay O., Yurtseven H.
MODERN PHYSICS LETTERS B, cilt.34, sa.33, 2020 (SCI-Expanded)

XXI. **Thermodynamic study on the magnetic transition and structural phase transition in [(CH3)(2)NH2] [Na0.5Fe0.5(HCOO)(3)] by using the Landau phenomenological model**
Yurtseven H., Tari O.
JOURNAL OF APPLIED PHYSICS, cilt.128, sa.20, 2020 (SCI-Expanded)

XXII. **Magnetization Studied as a Function of Temperature and Magnetic Field for Ferromagnetic Transition in DMNaFe**
Kilit Dogan E., Yurtseven H.
JOURNAL OF ELECTRONIC MATERIALS, cilt.49, sa.11, ss.6388-6393, 2020 (SCI-Expanded)

XXIII. **Raman bandwidths calculated for the librational (a -phase) and internal (8, d loc and d phases) modes in solid N 2 using pseudospin-phonon coupling (PS) and energy-fluctuation (EF) models**
Yurtseven H., Akay O.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1217, 2020 (SCI-Expanded)

XXIV. **Calculation of the Raman frequency and linewidth of vibrons using anharmonic self energy model for the ε, δloc and δ phases in solid nitrogen**
Akay Ö., YURTSEVEN H. H.
Optik, cilt.219, 2020 (SCI-Expanded)

XXV. **Landau mean-field model with the cubic term for the alpha-beta transition in quartz**
Ates S., Yurtseven H.
BULLETIN OF MATERIALS SCIENCE, cilt.43, sa.1, 2020 (SCI-Expanded)

XXVI. **Calculation of the thermodynamic functions using a mean field model for the fluid-solid transition in nitrogen**
AKAY Ö., YURTSEVEN H. H.
Revue Roumaine de Chimie, cilt.65, sa.5, ss.425-432, 2020 (SCI-Expanded)

XXVII. **Liquid-(Solid plus Liquid) Transitions in a Two-Component System of (CH3)CCl3 + CCl4**
Yurtseven H., Akayu O.
JOURNAL OF SOLUTION CHEMISTRY, cilt.49, sa.2, ss.195-209, 2020 (SCI-Expanded)

XXVIII. **Sm A - ferroelectric-Sm C transition in the mixture of C7+10.O.4 and in the ferroelectric C7**
Aksoy S., Kurt M., Yurtseven H.
FERROELECTRICS, cilt.554, sa.1, ss.21-29, 2020 (SCI-Expanded)

XXIX. **Magnetic ordering in two ferromagnetic sublattices of two mixed-valence iron(II)-iron(III) metal formate frameworks**
Yurtseven H., Dogan E. K.
MATERIALS RESEARCH BULLETIN, cilt.119, 2019 (SCI-Expanded)

XXX. **Temperature dependence of the IR mode frequency calculated from the volume data for DMNaFE**
Alguel G., Enginer Y., Yurtseven H.
FERROELECTRICS, cilt.551, sa.1, ss.229-234, 2019 (SCI-Expanded)

XXXI. **Order-disorder transition in the ferroelectric LiTaO3**
KİRACI A., Yurtseven H.
FERROELECTRICS, cilt.551, sa.1, ss.235-244, 2019 (SCI-Expanded)

XXXII. **Analysis and calculation of the magnetization, magnetic susceptibility and the specific heat close to phase transitions in heterometallics**
Dugan E. K., Yurtseven H.
CURRENT APPLIED PHYSICS, cilt.19, sa.10, ss.1096-1102, 2019 (SCI-Expanded)

XXXIII. **Damping constant and the inverse relaxation time calculated as a function of pressure using the X-ray diffraction data close to the cubic-tetragonal phase transition in SrTiO3**
YURTSEVEN H. H., Kiraci A.
FERROELECTRICS, cilt.551, sa.1, ss.143-151, 2019 (SCI-Expanded)

XXXIV. **Calculation of the infrared frequency and the damping constant (full width at half maximum) for metal organic frameworks**
Kurt M., Yurtseven H., Kurt A., Aksoy S.
CHINESE PHYSICS B, cilt.28, sa.6, 2019 (SCI-Expanded)

XXXV. **Calculation of the thermodynamic quantities of perovskite metal organics DMAKCr and perovskite HyFe close to the weakly first-order relaxor-like structural transformation using the mean field theory**
Yurtseven H., Tari O.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, cilt.33, sa.11, 2019 (SCI-Expanded)

XXXVI. **Temperature dependence of magnetic and thermal properties of chiral HyFe and HyMn close to phase transitions by using the Landau mean field model**
Tari O., Yurtseven H.
MATERIALS CHEMISTRY AND PHYSICS, cilt.228, ss.118-123, 2019 (SCI-Expanded)

XXXVII. **Calculation of the Raman and IR frequencies as order parameters and the damping constant (FWHM) close to phase transitions in methylhydrazinium structures**
KURT M., YURTSEVEN H. H., Kurt A.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1181, ss.488-492, 2019 (SCI-Expanded)

XXXVIII. **Resonant frequency shifts related to the elastic constants near the alpha-beta transition in quartz**
YURTSEVEN H. H., Ates S.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1179, ss.421-424, 2019 (SCI-Expanded)

XXXIX. **CALCULATION OF THE PHASE DIAGRAMS FOR THE FLUID-SOLID AND SOLID-SOLID (delta-delta(loc)-epsilon) TRANSITIONS IN MOLECULAR NITROGEN BY USING MEAN FIELD MODEL**
Yurtseven H., Akay O.
REVUE ROUMAINE DE CHIMIE, cilt.64, sa.3, ss.249-258, 2019 (SCI-Expanded)

XL. **Calculation of the heat capacity Cp from the temperature-induced and pressure-induced Raman frequency shifts for solid benzene, naphthalene and anthracene**
Ozdemir H., Yurtseven H. H.
Optik, cilt.178, ss.774-784, 2019 (SCI-Expanded)

XLI. **Calculation of the T-P Phase Diagrams for the Halogenomethane Compounds (CCl4-nBrn, n=0, 1, 2, 4) Using the Mean Field Theory**
Yurtseven H., Isik S. B., Dogan E. K.
PHYSICS OF THE SOLID STATE, cilt.61, sa.2, ss.201-206, 2019 (SCI-Expanded)

XLII. **Temperature and the field dependence of the magnetization close to order-disorder phase transitions in DMMn and the chromium-doped DMMn**
YURTSEVEN H. H., Doğan E.
POLYHEDRON, cilt.154, ss.132-137, 2018 (SCI-Expanded)

XLIII. **Calculation of the tilt angle and susceptibility as functions of temperature and the electric field close to the Sm A - Sm C* transition in C7**
AKSOY S., YURTSEVEN H. H., KURT M.
CANADIAN JOURNAL OF PHYSICS, cilt.96, sa.7, ss.688-692, 2018 (SCI-Expanded)

XLIV. **Thermodynamic Parameters of Cholesteric/Smectic A Transition in Cholesteric Myristate and Its Binary Mixture CM/PCPB**
YURTSEVEN H. H., Doğan E.
RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A, cilt.92, sa.6, ss.1208-1212, 2018 (SCI-Expanded)

XLV. **Correlations between the resonant frequency shifts and the thermodynamic quantities for the alpha-beta transition in quartz**
Lider M. C., YURTSEVEN H. H.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1159, ss.1-4, 2018 (SCI-Expanded)

XLVI. **T-P Phase Diagram of Nitrogen at High Pressures**
Algul G., Enginer Y., YURTSEVEN H. H.
INTERNATIONAL JOURNAL OF THERMOPHYSICS, cilt.39, sa.5, 2018 (SCI-Expanded)

XLVII. **Analysis of the Specific Heat of Ru Doped LiKSO4 Close to Phase Transitions**
YURTSEVEN H. H., Tirpanci D. V., KARACALİ H.
HIGH TEMPERATURE, cilt.56, sa.3, ss.462-465, 2018 (SCI-Expanded)

XLVIII. **Pressure-dependent Raman modes near the cubic-tetragonal transition in strontium titanate**

KİRACI A., YURTSEVEN H. H.
JOURNAL OF THE AMERICAN CERAMIC SOCIETY, cilt.101, sa.3, ss.1344-1355, 2018 (SCI-Expanded)

XLIX. **Calculation of the Raman frequency and the damping constant (linewidth) of the stretching modes for the metal-organic compound DMMg close to the paraelectric-ferroelectric transitions**
YURTSEVEN H. H., Aslan A.
FERROELECTRICS, cilt.526, sa.1, ss.9-15, 2018 (SCI-Expanded)

L. **Calculation of the C-P-C-V as a function of temperature close to the melting point in benzene**
Tari O., YURTSEVEN H. H.
PHYSICS AND CHEMISTRY OF LIQUIDS, cilt.56, sa.5, ss.660-673, 2018 (SCI-Expanded)

LI. **Calculation of the Raman and IR frequencies from the volume data at high pressures in N-2**
AKAY Ö., YURTSEVEN H. H.
OPTIK, cilt.160, ss.227-233, 2018 (SCI-Expanded)

LII. **Calculation of the thermodynamic quantities from the Raman frequency shifts and the Pippard relations for the alpha, -alpha and alpha ' phases of oxygen**
Tari O., YURTSEVEN H. H.
OPTIK, cilt.158, ss.699-704, 2018 (SCI-Expanded)

LIII. **ANALYSIS OF THE INTEGRATED INTENSITY OF THE CENTRAL PEAKS CALCULATED AS A FUNCTION OF TEMPERATURE IN THE FERROELECTRIC PHASE OF LITHIUM TANTALATE**
Kiraci A., Yurtseven H. H.
THERMAL SCIENCE, cilt.22, 2018 (SCI-Expanded)

LIV. **Calculation of the P-T phase diagram of nitrogen using a mean field model**
Enginer Y., Algul G., YURTSEVEN H. H.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, cilt.31, sa.31, 2017 (SCI-Expanded)

LV. **Analysis of Magnetization as a Function of Temperature for CoMn1-x Fe (x) Ge**
YÜCE EMRE S., Doğan E., Emre B., Bruno N. M., Karaman I., YURTSEVEN H. H.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.30, sa.12, ss.3587-3594, 2017 (SCI-Expanded)

LVI. **Calculation of the Spontaneous Polarization and the Dielectric Constant for the Ferroelectric N(CH3)(4)HSO4 Using the Mean Field Model**
YURTSEVEN H. H., ÇELİK M., KARACALİ H.
HIGH TEMPERATURE MATERIALS AND PROCESSES, cilt.36, sa.9, ss.863-869, 2017 (SCI-Expanded)

LVII. **Pressure dependence of the heat capacity near the melting point in benzene**
YURTSEVEN H. H., Tari O.
JOURNAL OF MOLECULAR LIQUIDS, cilt.241, ss.59-63, 2017 (SCI-Expanded)

LVIII. **Calculation of the tilt angle and susceptibility for the alpha-beta transition in quartz using a mean field model**
YURTSEVEN H. H., Ipekoglu U., Ates S.
MODERN PHYSICS LETTERS B, cilt.31, sa.9, 2017 (SCI-Expanded)

LIX. **Analysis of the susceptibility of condensed oxygen under high pressures and in strong magnetic fields**
Doğan E., YURTSEVEN H. H.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1131, ss.236-241, 2017 (SCI-Expanded)

LX. **Analysis of the Magnetic Susceptibility as a Function of Temperature for the alpha, beta and gamma Phases of Oxygen**
YURTSEVEN H. H., Avci C.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.30, sa.3, ss.831-838, 2017 (SCI-Expanded)

LXI. **Temperature dependence of the damping constant and the relaxation time close to the tetragonal-cubic phase transition in SrZrO3**
YURTSEVEN H. H., Kiraci A.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1128, ss.51-56, 2017 (SCI-Expanded)

LXII. **Raman frequencies calculated as functions of temperature and pressure using volume data for solid phase I of benzene**

YURTSEVEN H. H., Ozdemir H.
OPTIK, cilt.144, ss.224-231, 2017 (SCI-Expanded)

LXIII. **Calculation of the Raman frequency shifts for the alpha phase of solid oxygen**
YURTSEVEN H. H., Tari O.
OPTIK, cilt.128, ss.113-120, 2017 (SCI-Expanded)

LXIV. **Analysis of vibrational spectra in relation to the thermodynamic quantities close to the phase transitions in ammonium halides (NH4F and NH4I)**
Tari O., YURTSEVEN H. H.
OPTIK, cilt.135, ss.244-251, 2017 (SCI-Expanded)

LXV. **Pressure dependence of the Raman frequency calculated from the volume data close to the ferroelectric-paraelectric transition in PbTiO3**
YURTSEVEN H. H., KİRACI A.
FERROELECTRICS, cilt.520, sa.1, ss.245-255, 2017 (SCI-Expanded)

LXVI. **Temperature dependence of the polarization, dielectric constant, damping constant and the relaxation time close to the ferroelectric-paraelectric phase transition in LiNbO3**
Kiraci A., YURTSEVEN H. H.
OPTIK, cilt.132, ss.183-191, 2017 (SCI-Expanded)

LXVII. **Calculation of the raman frequency, damping constant (Linewidth) and the relaxation time near the tetragonal-cubic transition in PbTiO3**
KİRACI A., YURTSEVEN H. H.
OPTIK, cilt.142, ss.311-319, 2017 (SCI-Expanded)

LXVIII. **Damping Constant (Linewidth) and the Relaxation Time of the Brillouin LA Mode for the Ferroelectric-Paraelectric Transition in PbZr1-xTixO3**
YURTSEVEN H. H., Kiraci A.
IEEE TRANSACTIONS ON ULTRASONICS FERROELECTRICS AND FREQUENCY CONTROL, cilt.63, sa.10, ss.1647-1655, 2016 (SCI-Expanded)

LXIX. **Variation of the molar volume with the temperature and the Pippard relations near the melting point in benzene**
Tari O., YURTSEVEN H. H.
JOURNAL OF MOLECULAR LIQUIDS, cilt.220, ss.883-887, 2016 (SCI-Expanded)

LXX. **Temperature and pressure dependence of the Raman frequency shifts in anthracene**
Ozdemir H., YURTSEVEN H. H.
INDIAN JOURNAL OF PURE & APPLIED PHYSICS, cilt.54, sa.8, ss.489-494, 2016 (SCI-Expanded)

LXXI. **Analysis of the Heat Capacity for Pure CH4 and CH4/CCl4 on Graphite Near the Melting Point and Calculation of the T-X Phase Diagram for(CH3)CCl3+CCl4**
YURTSEVEN H. H., Yilmaz A.
FRONTIERS IN PHYSICS, cilt.4, 2016 (SCI-Expanded)

LXXII. **Analysis of the orientational order parameter and the magnetic field as functions of temperature for p-anisaldazine**
YURTSEVEN H. H., Kaya E.
JOURNAL OF THE KOREAN PHYSICAL SOCIETY, cilt.68, sa.11, ss.1317-1321, 2016 (SCI-Expanded)

LXXIII. **Temperature effect on the structural ferroelectric - paraelectric transition in Li2Ge7O15**
YURTSEVEN H. H., Tari O.
FERROELECTRICS, cilt.494, sa.1, ss.170-181, 2016 (SCI-Expanded)

LXXIV. **Molar volume calculated at various pressures and the Pippard relations close to the melting point in benzene**
YURTSEVEN H. H., Tari O.
PHYSICS AND CHEMISTRY OF LIQUIDS, cilt.54, sa.2, ss.182-192, 2016 (SCI-Expanded)

LXXV. **Analysis of the peak position and linewidth as a function of temperature for the phase transitions in LiKSO4**
YURTSEVEN H. H., KURT M.

MODERN PHYSICS LETTERS B, cilt.30, sa.5, 2016 (SCI-Expanded)

LXXVI. **Analysis of the dielectric constant, spontaneous polarization and the coersive field close to the phase transitions in ferroelectric K2CoCl4**
YURTSEVEN H. H., Doğan E.
FERROELECTRICS, cilt.504, sa.1, ss.15-21, 2016 (SCI-Expanded)

LXXVII. **Calculation of the soft-mode frequency for the alpha - beta transition in quartz**
YURTSEVEN H. H., Tari O.
OPTIK, cilt.127, sa.10, ss.4470-4472, 2016 (SCI-Expanded)

LXXVIII. **Pressure effect on the cholesteric - smectic A transition in cholestryl myristate**
YURTSEVEN H. H., Yolal B., Tari O.
MOLECULAR CRYSTALS AND LIQUID CRYSTALS, cilt.632, sa.1, ss.97-105, 2016 (SCI-Expanded)

LXXIX. **Damping constant and the relaxation time calculated for the lowest-frequency soft mode in the ferroelectric phase of Cd2Nb2O7**
Kiraci A., YURTSEVEN H. H.
OPTIK, cilt.127, sa.23, ss.11497-11504, 2016 (SCI-Expanded)

LXXX. **Calculation of the spontaneous polarization for Pb1-xCaxTiO3 close to the tricritical point**
Tari O., YURTSEVEN H. H.
FERROELECTRICS, cilt.505, sa.1, ss.24-33, 2016 (SCI-Expanded)

LXXXI. **Temperature and pressure dependence of the Raman intensity and frequency of a soft mode near the tricritical point in the ferroelectric SbSI**
YURTSEVEN H. H., Duman S.
FERROELECTRICS, cilt.500, sa.1, ss.241-249, 2016 (SCI-Expanded)

LXXXII. **Calculation of the T-P phase diagram for oxygen using the mean field theory**
Yurtseven H. H., Şenol M. G.
CALPHAD-COMPUTER COUPLING OF PHASE DIAGRAMS AND THERMOCHEMISTRY, cilt.51, ss.272-281, 2015 (SCI-Expanded)

LXXXIII. **Calculation of the H-T phase diagram, magnetization and susceptibility in layered structures**
YURTSEVEN H. H., Doğan E., Emre B., Acet M.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, cilt.393, ss.544-550, 2015 (SCI-Expanded)

LXXXIV. **Temperature and Pressure Effect on the Raman Frequencies Calculated from the Crystal Volume in the gamma-Phase of Solid Nitrogen**
YURTSEVEN H. H., Unlu D.
JOURNAL OF APPLIED SPECTROSCOPY, cilt.82, sa.4, ss.700-704, 2015 (SCI-Expanded)

LXXXV. **Calculation of the Resonant Frequencies in the Vicinity of the Transition in Quartz**
Lider M. C., YURTSEVEN H. H.
INTERNATIONAL JOURNAL OF THERMOPHYSICS, cilt.36, sa.7, ss.1585-1597, 2015 (SCI-Expanded)

LXXXVI. **Calculation of the specific heat using the Raman frequency shifts for the solid I-II transition in benzene**
YURTSEVEN H. H., Ozdemir H.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1090, ss.53-57, 2015 (SCI-Expanded)

LXXXVII. **Raman frequency shifts calculated from the volume data in naphthalene**
Ozdemir H., YURTSEVEN H. H.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1090, ss.65-69, 2015 (SCI-Expanded)

LXXXVIII. **Ferromagnetic and antiferromagnetic properties in layered structures (La0.6Nd0.4Mn2Si2)**
Doğan E., Emre B., YURTSEVEN H. H.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1089, ss.178-183, 2015 (SCI-Expanded)

LXXXIX. **Dielectric Properties of HDOBAMBC Close to the Smectic A-Chiral Smectic C (AC*) Transition**
YURTSEVEN H. H., Mercan T.
FERROELECTRICS, cilt.481, sa.1, ss.10-20, 2015 (SCI-Expanded)

XC. **Pressure Dependence of the Raman Modes Related to the Phase Transitions in Cyclohexane**
YURTSEVEN H. H., Cebeci A. M.

ACTA PHYSICA POLONICA A, cilt.127, sa.3, ss.744-747, 2015 (SCI-Expanded)

XCI. **Analysis of the Magnetization as a Function of the Magnetic Field at the Transition Temperature for La0.6Nd0.4Mn2Si2**
YURTSEVEN H. H., Doğan E., Emre B., Acet M.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.28, sa.3, ss.873-876, 2015 (SCI-Expanded)

XCII. **Pressure dependence of the Raman frequencies for the modes I, II and III at constant temperatures in phase II of benzene**
Ozdemir H., YURTSEVEN H. H.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1080, ss.117-121, 2015 (SCI-Expanded)

XCIII. **Analysis of the Critical Magnetic Field and the Dielectric Susceptibility for the Smectic A-Smectic C* Transition in DOBAMBC**
YURTSEVEN H. H., Abdelal A.
FERROELECTRICS, cilt.486, sa.1, ss.66-73, 2015 (SCI-Expanded)

XCIV. **Calculation of the Raman frequency as a function of pressure for the phases of I, III, IV and V in cyclohexane**
YURTSEVEN H. H., Bagioglu B.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1067, ss.61-63, 2014 (SCI-Expanded)

XCV. **Calculation of the Infrared Frequencies as a Function of Temperature Using the Volume Data in the Ferroelectric Phase of NaNO2**
YURTSEVEN H. H., Kiraci A.
FERROELECTRICS, cilt.460, sa.1, ss.149-156, 2014 (SCI-Expanded)

XCVI. **Investigation of the Ferroelectric Paraelectric Phase Transition in Bulk and Confined Sodium Nitrite**
YURTSEVEN H. H., Sarikaya C. K.
FERROELECTRICS, cilt.467, sa.1, ss.42-49, 2014 (SCI-Expanded)

XCVII. **Analysis of the Order Parameters (Spontaneous Polarization and the Tilt Angle) and the Critical Field Close to the Smectic A-Smectic C* Transition in HDOBAMBC**
YURTSEVEN H. H., Eren D., Abdelal A.
FERROELECTRICS, cilt.467, sa.1, ss.126-137, 2014 (SCI-Expanded)

XCVIII. **Pressure Dependence of the Thermodynamic Quantities in Phase II of Solid Benzene**
YURTSEVEN H. H., Sevinc E.
HIGH TEMPERATURE MATERIALS AND PROCESSES, cilt.32, sa.5, ss.421-425, 2013 (SCI-Expanded)

XCIX. **Temperature and Pressure Dependence of the Linewidth for an Internal Mode in the Solid Phases of Benzene**
Yurtseven H. H., Şenol M. G.
ACTA PHYSICA POLONICA A, cilt.124, sa.4, ss.698-701, 2013 (SCI-Expanded)

C. **CALCULATION OF THE RAMAN FREQUENCIES AT LOW PRESSURES AND TEMPERATURES (sigma-PHASE) SOLID NITROGEN**
YURTSEVEN H. H., Aslantas A.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, cilt.27, sa.23, 2013 (SCI-Expanded)

CI. **Temperature dependence of the polarization and the dielectric constant near the paraelectric-ferroelectric transitions in BaTiO3**
YURTSEVEN H. H., Kiraci A.
JOURNAL OF MOLECULAR MODELING, cilt.19, sa.9, ss.3925-3930, 2013 (SCI-Expanded)

CII. **Analysis of the Raman Frequency Shifts for the Lattice Modes and Vibrons Related to the Thermodynamic Quantities in the eta Phase of Solid Nitrogen**
YURTSEVEN H. H., Akay O.
HIGH TEMPERATURE MATERIALS AND PROCESSES, cilt.32, sa.4, ss.383-389, 2013 (SCI-Expanded)

CIII. **RAMAN STUDY OF BENZENE NEAR THE MELTING POINT**
YURTSEVEN H. H., Iseri E. C.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, cilt.27, sa.14, 2013 (SCI-Expanded)

CIV. **Calculation of the Raman frequencies as a function of pressure in the solid phases II and III (III ') of**

benzene
YURTSEVEN H. H., Tari O.
JOURNAL OF MOLECULAR MODELING, cilt.19, sa.6, ss.2243-2248, 2013 (SCI-Expanded)

CV. **A temperature-concentration (T-X) phase diagram calculated using the mean field theory for liquid crystals**
YURTSEVEN H. H., Salihoglu S., KARACALİ H.
JOURNAL OF MOLECULAR MODELING, cilt.19, sa.6, ss.2473-2483, 2013 (SCI-Expanded)

CVI. **Calculation of the Raman frequencies as a function of temperature in phase I of benzene**
Tari O., YURTSEVEN H. H.
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, cilt.90, sa.6, ss.821-824, 2013 (SCI-Expanded)

CVII. **THERMODYNAMIC QUANTITIES AT HIGH PRESSURES IN THE i AND theta PHASES OF SOLID NITROGEN DEDUCED BY RAMAN FREQUENCY SHIFTS FOR THE INTERNAL MODES IN LITERATURE**
YURTSEVEN H. H., Saritas S.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, cilt.27, sa.9, 2013 (SCI-Expanded)

CVIII. **Critical Behaviour of the Heat Capacity Near the alpha-beta Phase Transition in Quartz**
YURTSEVEN H. H., Desticioglu M.
HIGH TEMPERATURE MATERIALS AND PROCESSES, cilt.32, sa.2, ss.189-194, 2013 (SCI-Expanded)

CIX. **Metamagnetic Phase Transitions in La1-xNdxMn2Si2**
Emre B., YURTSEVEN H. H.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, cilt.26, sa.4, ss.1411-1413, 2013 (SCI-Expanded)

CX. **Raman Study of Solid Nitrogen in the beta Phase and Close to the Melting Line**
Iseri E. C., YURTSEVEN H. H.
HIGH TEMPERATURE MATERIALS AND PROCESSES, cilt.32, sa.1, ss.25-31, 2013 (SCI-Expanded)

CXI. **Temperature Dependence of the Spontaneous Polarization Near the Ferroelectric-Paraelectric Transition in NaNO2**
Sarikaya C. K., YURTSEVEN H. H.
HIGH TEMPERATURE MATERIALS AND PROCESSES, cilt.32, sa.1, ss.77-81, 2013 (SCI-Expanded)

CXII. **Liquid Crystal Research: Current Trends and Future Perspectives**
Ojha D. P., Yurtseven H., Prajapati A. K., Mohan M. L. N. M.
ADVANCES IN CONDENSED MATTER PHYSICS, 2013 (SCI-Expanded)

CXIII. **Damping Constant Calculated as a Function of Temperature for the Tetragonal Raman Mode Close to the Paraelectric-Ferroelectric Transition in BaTiO3**
Kiraci A., YURTSEVEN H. H.
FERROELECTRICS, cilt.450, sa.1, ss.93-98, 2013 (SCI-Expanded)

CXIV. **Calculation of the Raman Linewidths of Lattice Modes Close to the alpha-beta Transition in Quartz**
Lider M. C., YURTSEVEN H. H.
HIGH TEMPERATURE MATERIALS AND PROCESSES, cilt.31, sa.6, ss.741-747, 2012 (SCI-Expanded)

CXV. **Critical behaviour of the dielectric constant for the smectic AC* transition under the electric field in ferroelectric liquid crystals**
YURTSEVEN H. H., Kilit E.
PHYSICS AND CHEMISTRY OF LIQUIDS, cilt.50, sa.3, ss.367-377, 2012 (SCI-Expanded)

CXVI. **Temperature Dependence of the Tilt Angle for the Smectic A-Smectic C* Transition in a Mixture of C7-70PDOB Ferroelectric Liquid Crystals near the Tricritical Point**
KURT M., YURTSEVEN H. H.
ADVANCES IN CONDENSED MATTER PHYSICS, 2012 (SCI-Expanded)

CXVII. **Calculation of a generalised smectic-hexatic phase diagram in liquid crystals**
YURTSEVEN H. H., KARACALİ H.
PHYSICS AND CHEMISTRY OF LIQUIDS, cilt.50, sa.3, ss.302-315, 2012 (SCI-Expanded)

CXVIII. **Temperature dependence of the order parameters (spontaneous polarisation and the tilt angle) at various concentrations for a mixture of SCE9+SCE10**
YURTSEVEN H. H., KURT M.

LIQUID CRYSTALS, cilt.39, sa.5, ss.539-544, 2012 (SCI-Expanded)

CXIX. **Calculation of the Spontaneous Polarization and the Dielectric Constant as a Function of Temperature for KH2PO4**
YURTSEVEN H. H., Sen S.
ADVANCES IN CONDENSED MATTER PHYSICS, 2012 (SCI-Expanded)

CXX. **Calculation of the Dielectric Constant as a Function of Temperature Close to the Smectic A-Smectic B Transition in B5 Using the Mean Field Model**
YURTSEVEN H. H., Kilit E.
ADVANCES IN CONDENSED MATTER PHYSICS, 2012 (SCI-Expanded)

CXXI. **Temperature Dependence of the Raman Frequency, Damping Constant and the Activation Energy of a Soft-Optic Mode in Ferroelectric Barium Titanate**
Kiraci A., YURTSEVEN H. H.
FERROELECTRICS, cilt.432, ss.14-21, 2012 (SCI-Expanded)

CXXII. **A First-Order Transition of the Smectic A-Smectic C* in Ferroelectric Liquid Crystals**
Kilit E., YURTSEVEN H. H.
FERROELECTRICS, cilt.427, ss.137-142, 2012 (SCI-Expanded)

CXXIII. **Calculation of the Damping Constant and the Relaxation Time for the Soft-Optic and Acoustic Mode in Hexagonal Barium Titanate**
YURTSEVEN H. H., Kiraci A.
FERROELECTRICS, cilt.437, ss.137-148, 2012 (SCI-Expanded)

CXXIV. **PIPPARD RELATIONS MODIFIED FOR THE RAMAN FREQUENCY SHIFTS CLOSE TO I-II PHASE TRANSITION IN S-TRIAZINE**
YURTSEVEN H. H., KURT M.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, cilt.25, sa.32, ss.4641-4653, 2011 (SCI-Expanded)

CXXV. **ANALYSIS OF THE FREQUENCY SHIFT AND THE LINEWIDTH AS A FUNCTION OF TEMPERATURE IN SOLID NITROGEN**
KURT M., YURTSEVEN H. H.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, cilt.25, sa.27, ss.3679-3689, 2011 (SCI-Expanded)

CXXVI. **CALCULATION OF THE DAMPING CONSTANT AND ACTIVATION ENERGY FOR RAMAN MODES IN (NH4)(2)SO4**
YURTSEVEN H. H., KARACALİ H., Kiraci A.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, cilt.25, sa.15, ss.2063-2080, 2011 (SCI-Expanded)

CXXVII. **Application of the Pippard relations to solid ammonia at high pressures**
YURTSEVEN H. H., Koca M.
PHYSICS ESSAYS, cilt.24, sa.2, ss.289-292, 2011 (SCI-Expanded)

CXXVIII. **TILT ANGLE AND THE TEMPERATURE SHIFTS CALCULATED AS A FUNCTION OF CONCENTRATION FOR THE AC* PHASE TRANSITION IN A BINARY MIXTURE OF LIQUID CRYSTALS**
YURTSEVEN H. H., KURT M.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, cilt.25, sa.13, ss.1791-1806, 2011 (SCI-Expanded)

CXXIX. **Vibrational frequencies studied as a function of pressure in phase II of solid benzene**
YURTSEVEN H. H., Rasitoglu B., Kilit E.
JOURNAL OF MOLECULAR STRUCTURE, cilt.993, ss.428-430, 2011 (SCI-Expanded)

CXXX. **Pressure dependence of the Raman frequency shifts related to the thermodynamic quantities in phase II of s-triazine**
YURTSEVEN H. H., KURT M.
INDIAN JOURNAL OF PHYSICS, cilt.85, sa.4, ss.615-628, 2011 (SCI-Expanded)

CXXXI. **Critical Behavior of the Dielectric Susceptibility for the Ferroelectric Liquid A7**
YURTSEVEN H. H., Kilit E.
JOURNAL OF PHASE EQUILIBRIA AND DIFFUSION, cilt.32, sa.2, ss.86-91, 2011 (SCI-Expanded)

CXXXII. **LINEWIDTH OF PHONONS IN ORDER-DISORDER PHASE TRANSITIONS WITH RANDOM TELEGRAPH NOISE**

KARACALİ H., YURTSEVEN H. H.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, cilt.25, sa.7, ss.1005-1012, 2011 (SCI-Expanded)

CXXXIII. **RAMAN FREQUENCIES CALCULATED FROM THE VOLUME DATA AS A FUNCTION OF TEMPERATURE AT HIGH PRESSURES FOR THE DISORDERED PHASE II OF NH4I**
YURTSEVEN H. H., Kavruk D.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, cilt.25, sa.4, ss.511-519, 2011 (SCI-Expanded)

CXXXIV. **Calculation of thermodynamic quantities for carbon tetrachloride (CCl4) close to the III-IV phase transition**
YURTSEVEN H. H., Dildar Y.
KOREAN JOURNAL OF CHEMICAL ENGINEERING, cilt.28, sa.1, ss.252-255, 2011 (SCI-Expanded)

CXXXV. **Analysis of the Specific Heat in the Supercooled Solid Phase of Liquid Crystals**
Kilit E., YURTSEVEN H. H.
MOLECULAR CRYSTALS AND LIQUID CRYSTALS, cilt.540, ss.12-19, 2011 (SCI-Expanded)

CXXXVI. **Calculation of the Dielectric Constant of a Ferroelectric Liquid Crystal From a Mean Field Model**
YURTSEVEN H. H., Yurtseven H.
FERROELECTRICS, cilt.420, ss.56-61, 2011 (SCI-Expanded)

CXXXVII. **TEMPERATURE DEPENDENCE OF THE RAMAN FREQUENCIES IN THE gamma AND beta PHASES OF SOLID NITROGEN**
YURTSEVEN H. H., Tunay T.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, cilt.24, sa.31, ss.6069-6078, 2010 (SCI-Expanded)

CXXXVIII. **CALCULATION OF VOLUME AS FUNCTIONS OF TEMPERATURE AND PRESSURE IN ICE I CLOSE TO THE MELTING POINT**
Kilit E., YURTSEVEN H. H.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, cilt.24, sa.19, ss.3749-3758, 2010 (SCI-Expanded)

CXXXIX. **ANALYSIS OF HEAT CAPACITY AND GLASS TRANSITION IN AMORPHOUS ICE**
YURTSEVEN H. H., KURT M.
MODERN PHYSICS LETTERS B, cilt.24, sa.17, ss.1915-1921, 2010 (SCI-Expanded)

CXL. **Correlations of the thermodynamic quantities with the frequency shifts of a lattice mode close to the I-II transition in NH4Br**
YURTSEVEN H. H., ÖZDEMİR M.
RADIATION PHYSICS AND CHEMISTRY, cilt.79, sa.6, ss.692-695, 2010 (SCI-Expanded)

CXLI. **Calculation of the Raman frequency and the damping constant of a coupled mode in the ferroelectric and paraelectric phases in KH(2)PO(4)**
KARACALİ H., Kiraci A., YURTSEVEN H. H.
PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS, cilt.247, sa.4, ss.927-936, 2010 (SCI-Expanded)

CXLII. **CALCULATION OF THE RAMAN FREQUENCIES AS A FUNCTION OF TEMPERATURE IN PHASE III OF NH4I**
Kavruk D., YURTSEVEN H. H.
MODERN PHYSICS LETTERS B, cilt.24, sa.8, ss.817-824, 2010 (SCI-Expanded)

CXLIII. **TEMPERATURE DEPENDENCE OF THE DAMPING CONSTANT CLOSE TO THE I-II PHASE TRANSITION IN s-TRIAZINE**
Kavruk D., YURTSEVEN H. H.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, cilt.24, sa.3, ss.369-380, 2010 (SCI-Expanded)

CXLIV. **CALCULATION OF THE MOLAR VOLUME IN THE SOLID AND LIQUID PHASES OF CCl4**
YURTSEVEN H. H., Kavruk D.
MODERN PHYSICS LETTERS B, cilt.24, sa.1, ss.75-80, 2010 (SCI-Expanded)

CXLV. **Analysis of the specific heat of p-azoxyanisole (PAA) near the phase transitions**
Kilit E., YURTSEVEN H. H.
PHYSICS AND CHEMISTRY OF LIQUIDS, cilt.48, sa.4, ss.450-460, 2010 (SCI-Expanded)

CXLVI. **Calculation of the Raman frequencies of lattice modes in the disordered phase II of NH4Br at high pressures**

YURTSEVEN H. H., Cekic M. S.
PHYSICS ESSAYS, cilt.23, sa.4, ss.608-612, 2010 (SCI-Expanded)

CXLVII. **A linear variation of the thermal expansivity with the isothermal compressibility for ammonia solid III near the melting point**
YURTSEVEN H. H., Caglar O.
KOREAN JOURNAL OF CHEMICAL ENGINEERING, cilt.27, sa.1, ss.249-252, 2010 (SCI-Expanded)

CXLVIII. **Temperature Dependence of The Raman Frequency Shifts Related to The Specific Heat and Thermal Expansion Close To I-II Phase Transition in S-Triazine.**
KURT M., YURTSEVEN H. H.
HIGH TEMPERATURE MATERIALS AND PROCESSES, cilt.29, ss.89-101, 2010 (SCI-Expanded)

CXLIX. **Temperature Dependence of the Spontaneous Polarization and the Dielectric Susceptibility near the Phase Transitions in Ammonium Sulfate**
Sen S., YURTSEVEN H. H., Kavruk D.
HIGH TEMPERATURE MATERIALS AND PROCESSES, cilt.29, sa.4, ss.259-268, 2010 (SCI-Expanded)

CL. **Analysis of The Molar Volume as A Function of Pressure Close to The Melting Point in Ammonia Solid III**
YURTSEVEN H. H., Caglar O.
ASIAN JOURNAL OF CHEMISTRY, cilt.21, sa.6, ss.4653-4657, 2009 (SCI-Expanded)

CLI. **Raman linewidths calculated as a function of temperature in NaNO(2)**
KARACALİ H., YURTSEVEN H. H., Kiraci A.
PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS, cilt.246, sa.5, ss.1124-1131, 2009 (SCI-Expanded)

CLII. **Calculation of the Raman frequencies using volume data close to the tricritical and second order phase transitions in NH4Cl**
YURTSEVEN H. H., Kavruk D.
JOURNAL OF MOLECULAR STRUCTURE, cilt.924, ss.544-547, 2009 (SCI-Expanded)

CLIII. **Pippard relations modified by the Raman frequency shifts for the phases I and II in NH4I**
YURTSEVEN H. H.
JOURNAL OF MOLECULAR STRUCTURE, cilt.924, ss.540-543, 2009 (SCI-Expanded)

CLIV. **CRITICAL BEHAVIOR OF THE SPECIFIC HEAT IN THE VICINITY OF THE TRANSITION TEMPERATURE FOR S-TRIAZINE**
Kurt M., YURTSEVEN H. H.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, cilt.23, sa.9, ss.2253-2259, 2009 (SCI-Expanded)

CLV. **Specific Heat of NH4Cl and NH4BrxCl1-x Crystals Close to the Ferro-Ordered Phase**
Yurtseven H., Yanik A.
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, cilt.31, sa.2, ss.207-213, 2009 (SCI-Expanded)

CLVI. **Specific heat of NH4Cl and NH4BrxCl 1-x crystals close to the ferro-ordered phase**
Yurtseven H. H., Yanik A.
Journal of the Chemical Society of Pakistan, cilt.31, sa.2, ss.207-213, 2009 (SCI-Expanded)

CLVII. **Calculation of the phase diagram using the Landau-mean-field theory for K2S2O7-KHSO4**
Sen S., YURTSEVEN H. H.
JOURNAL OF MOLECULAR LIQUIDS, cilt.145, sa.1, ss.48-50, 2009 (SCI-Expanded)

CLVIII. **Calculation of the T-X Phase Diagrams for Binary Mixtures of Cholestanyl Myristate-Cholesteryl Myristate and Cholestanyl Myristate-Cholesteryl Oleate**
YURTSEVEN H. H., Sen S.
INTERDISCIPLINARY TRANSPORT PHENOMENA: FLUID, THERMAL, BIOLOGICAL, MATERIALS, AND SPACE SCIENCES, cilt.1161, ss.416-428, 2009 (SCI-Expanded)

CLIX. **Calculation of the Specific Heat Close to Phase Transition in S-triazine**
KURT M., YURTSEVEN H. H.
HIGH TEMPERATURE MATERIALS AND PROCESSES, cilt.28, sa.4, ss.217-222, 2009 (SCI-Expanded)

CLX. **Critical behaviour of the specific heat and the thermal expansion close to the melting point in ammonia solid III**

YURTSEVEN H. H., Caglar O.
PERIODICA POLYTECHNICA-CHEMICAL ENGINEERING, cilt.53, sa.1, ss.13-18, 2009 (SCI-Expanded)

CLXI. **Calculation of the compressibility and heat capacity of ice I in the pre-melting region**
YURTSEVEN H. H., Kilit E.
PHYSICS AND CHEMISTRY OF LIQUIDS, cilt.47, sa.5, ss.495-504, 2009 (SCI-Expanded)

CLXII. **Analysis of the Raman intensities near the phase transitions in ammonium halides**
YURTSEVEN H. H., Tuzer T. U.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.71, sa.3, ss.862-868, 2008 (SCI-Expanded)

CLXIII. **Analysis of the specific heat for the transitions of the phases I-II-III-IV in (N(CH3)4)2CuCl4 crystal**
YURTSEVEN H. H., Yardimci I.
High Temperature Materials and Processes, cilt.27, sa.3, ss.135-140, 2008 (SCI-Expanded)

CLXIV. **Pippard relations applied to the lambda-phase transition in NH4Br**
YURTSEVEN H. H., Yanık A., Sen S.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.71, sa.1, ss.105-109, 2008 (SCI-Expanded)

CLXV. **Temperature and pressure dependence of molar volume in solid phases of ammonia near the melting point**
YURTSEVEN H. H., KARACALİ H.
JOURNAL OF MOLECULAR LIQUIDS, cilt.142, ss.88-94, 2008 (SCI-Expanded)

CLXVI. **Temperature dependence of the Raman bandwidths for the lattice and internal modes in ammonium halides close to the lambda-phase transitions**
YURTSEVEN H. H., Tuzer T. U.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.70, sa.2, ss.445-448, 2008 (SCI-Expanded)

CLXVII. **T-P phase diagram for ice**
YURTSEVEN H. H., Enginer Y., Salihoglu S., Sen S.
NUOVO CIMENTO DELLA SOCIETA ITALIANA DI FISICA B-BASIC TOPICS IN PHYSICS, cilt.123, sa.5, ss.533-553, 2008 (SCI-Expanded)

CLXVIII. **Temperature dependence of the specific heat of anisaldazine close to phase transitions**
Kilit E., YURTSEVEN H. H.
JOURNAL OF MOLECULAR LIQUIDS, cilt.140, ss.84-86, 2008 (SCI-Expanded)

CLXIX. **Calculation of a temperature-concentration phase diagram of mixed LiK(1-x)Rb(x)SO(4) crystals**
Yurtseven H., Sen S.
JAPANESE JOURNAL OF APPLIED PHYSICS, cilt.47, sa.4, ss.2217-2220, 2008 (SCI-Expanded)

CLXX. **Linear variations of the thermodynamic quantities in the liquid phase of carbon tetrachloride close to the melting point**
YURTSEVEN H. H., Kavruk D.
JOURNAL OF MOLECULAR LIQUIDS, cilt.139, ss.117-120, 2008 (SCI-Expanded)

CLXXI. **Temperature dependence of the thermal expansivity and the specific heat near the nematic-isotropic (NI) phase transition in PAA**
Kilit E., YURTSEVEN H. H.
JOURNAL OF MOLECULAR LIQUIDS, cilt.138, ss.84-87, 2008 (SCI-Expanded)

CLXXII. **Critical behaviour of the thermodynamic quantities near the melting point in the solid phase of hexadecane**
YURTSEVEN H. H., Tilki O.
INDIAN JOURNAL OF PHYSICS, cilt.82, sa.1, ss.105-115, 2008 (SCI-Expanded)

CLXXIII. **Analysis of the Spontaneous Polarization and the Dielectric Constant Near the Ferroelectric Phase Transition in TSCC**
YURTSEVEN H. H., Kavruk D.
FERROELECTRICS, cilt.367, ss.190-200, 2008 (SCI-Expanded)

CLXXIV. **Temperature dependence of the polarization and tilt angle under an electric field close to the smectic AC* phase transition in a ferroelectric liquid crystal**
YURTSEVEN H. H., Kilit E.
FERROELECTRICS, cilt.365, ss.280-289, 2008 (SCI-Expanded)

CLXXV. **Analysis of the Specific Heat for the Transitions of the Phases I-II-III-IV in (N(CH3)(4))(2)CUCl4 Crystal**
YURTSEVEN H. H., Yardimci I.
HIGH TEMPERATURE MATERIALS AND PROCESSES, cilt.27, sa.3, ss.135-140, 2008 (SCI-Expanded)

CLXXVI. **Calculation of the dielectric constant as a function of temperature near the smectic AC* phase transition in ferroelectric liquid crystals**
Kilit E., YURTSEVEN H. H.
FERROELECTRICS, cilt.365, ss.288-300, 2008 (SCI-Expanded)

CLXXVII. **Calculation of the specific heat close to the multicritical and second order phase regions in ND4Cl**
Yurtseven H., Yanik A.
STRUCTURAL CHEMISTRY, cilt.18, sa.6, ss.937-941, 2007 (SCI-Expanded)

CLXXVIII. **A linear variation of the thermal expansivity with frequency shifts for the translational mode in ammonia solid II near the melting point**
Yurtseven H., Karacali H.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.68, sa.3, ss.802-806, 2007 (SCI-Expanded)

CLXXIX. **Pressure Dependence of Molar Volume near the Melting Point in Benzene**
YURTSEVEN H. H., Ünsal T.
Tsinghua Science and Technology, cilt.12, sa.5, ss.624-628, 2007 (SCI-Expanded)

CLXXX. **Specific heat and frequency shifts for the translational modes in ammonia solid I close to phase transition**
Yurtseven H., Karacali H.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.67, ss.1060-1066, 2007 (SCI-Expanded)

CLXXXI. **lambda-transition of NH4Cl and ND4Cl at high pressures**
Yurtseven H., Salihoglu S., Sen S.
PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS, cilt.244, sa.7, ss.2589-2596, 2007 (SCI-Expanded)

CLXXXII. **Analysis of the Raman frequencies close to the lambda-phase transition in NH4Cl**
Yurtseven H., Tuzer T. U.
JOURNAL OF MOLECULAR STRUCTURE, cilt.834, ss.426-429, 2007 (SCI-Expanded)

CLXXXIII. **Critical behaviour of the specific heat calculated using the Raman frequencies of the lattice and internal modes near the lambda-phase transition in NH4Br**
Sen S., Yurtseven H.
JOURNAL OF MOLECULAR STRUCTURE, cilt.834, ss.561-566, 2007 (SCI-Expanded)

CLXXXIV. **Calculation of the specific heat from the Raman frequency shifts close to the tricritical and second order phase transitions in NH4Cl**
Kaya D., Yurtseven H.
JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, cilt.68, ss.861-865, 2007 (SCI-Expanded)

CLXXXV. **T-X phase diagram of (NH4)(2)SO4/H2O**
Yurtseven H., Enginer Y., Sen S., Salihoglu S.
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, cilt.84, sa.4, ss.350-353, 2007 (SCI-Expanded)

CLXXXVI. **T-X phase diagram of (NH4)2SO4/H 2O**
YURTSEVEN H. H., Enginer Y., Şen S., Salihoğlu S.
Journal of the Indian Chemical Society, cilt.84, sa.4, ss.350-353, 2007 (SCI-Expanded)

CLXXXVII. **Temperature and pressure dependence of the mode Gruneisen parameters close to the melting point in hexagonal ice**
Karacali H., Yurtseven H.

SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.66, sa.2, ss.487-492, 2007 (SCI-Expanded)

CLXXXVIII. **Calculation of the free energies for the solid phases of ammonium halides**
Salihoglu S., Yurtseven H., Karacali H.
PHILOSOPHICAL MAGAZINE, cilt.87, ss.2371-2387, 2007 (SCI-Expanded)

CLXXXIX. **Volume calculated as a function of pressure near the melting point in solid hexadecane**
Yurtseven H., Tilki O.
HIGH TEMPERATURE MATERIALS AND PROCESSES, cilt.26, sa.2, ss.123-129, 2007 (SCI-Expanded)

CXC. **Calculation of molar volume as a function of temperature close to the melting point in benzene**
YURTSEVEN H. H., Uensal T.
HIGH TEMPERATURE MATERIALS AND PROCESSES, cilt.26, ss.365-369, 2007 (SCI-Expanded)

CXCI. **Pippard relations for the solid phase of carbon tetrachloride close to the melting point**
Kavruk D. K., YURTSEVEN H. H.
HIGH TEMPERATURE MATERIALS AND PROCESSES, cilt.26, ss.397-401, 2007 (SCI-Expanded)

CXCII. **lambda-phase transitions in ice Ih near the melting point**
Yurtseven H., Kilit E., Salihoglu S., Oe. Tari O. T., Akkoek B., Akin F., Durmaz S.
CHEMICAL ENGINEERING COMMUNICATIONS, cilt.194, sa.7, ss.913-923, 2007 (SCI-Expanded)

CXCIII. **Spectroscopic modifications of Pippard relations: Tricritical phase transition in NH4Cl**
Yurtseven H., Eraslan F.
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, cilt.102, sa.3, ss.513-518, 2006 (SCI-Expanded)

CXCIV. **Pressure dependence of the Raman frequencies for the translational mode in ammonia solid II**
Yurtseven H.
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, cilt.102, sa.3, ss.409-417, 2006 (SCI-Expanded)

CXCV. **Temperature dependence of the mode Gruneisen parameter in the vicinity of the lambda-transition point in NH4Cl**
Karacali H., Yurtseven H.
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, cilt.83, sa.11, ss.1097-1102, 2006 (SCI-Expanded)

CXCVI. **Temperature dependence of the damping constant and the order parameter close to the lambda phase transitions in ammonium halides**
Yurtseven H., Karacali H.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.65, sa.2, ss.421-427, 2006 (SCI-Expanded)

CXCVII. **Temperature and pressure dependence of the Raman frequency shifts near the melting point in ice I**
Yurtseven H., Karacali H.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.64, sa.3, ss.771-777, 2006 (SCI-Expanded)

CXCVIII. **Analysis of the Raman frequencies of a lattice mode in NH4Cl close to the tricritical and second order phase transitions**
Yurtseven H., Tumkaya M.
CHEMICAL PHYSICS, cilt.323, ss.574-578, 2006 (SCI-Expanded)

CXCIX. **Specific heat related to the Raman frequency shifts for the rotatory mode in ammonia solid I close to the melting point**
Karacali H., Yurtseven H.
JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER, cilt.98, sa.1, ss.57-67, 2006 (SCI-Expanded)

CC. **Temperature dependence of the Raman bandwidths and intensities of a lattice mode near the tricritical and second order phase transitions in NH4Cl**
Karacali H., Yurtseven H.
PHILOSOPHICAL MAGAZINE, cilt.86, sa.2, ss.189-203, 2006 (SCI-Expanded)

CCI. **Critical behaviour of the Raman frequency shifts in the vicinity of the lambda-phase transition in**

NH4Br
Yurtseven H., Unlu Z.
HIGH TEMPERATURE MATERIALS AND PROCESSES, cilt.25, sa.3, ss.143-147, 2006 (SCI-Expanded)

CCII. **Critical behaviour of the polarization, tilt angle, electric susceptibility and the specific heat close to the SmA-ferroelectric SmC (SmC*) phase transitions**
Yurtseven H., Bellici S., Kilit E.
FERROELECTRICS, cilt.344, ss.327-336, 2006 (SCI-Expanded)

CCIII. **Bandwidths studied as a function of temperature in ammonium halides near T-lambda**
Yurtseven H.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.62, ss.910-914, 2005 (SCI-Expanded)

CCIV. **Raman frequency shifts of an internal mode near the tricritical and second order phase transitions in NH4Cl**
Yurtseven H., Tumkaya M.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.62, ss.926-930, 2005 (SCI-Expanded)

CCV. **Modified Pippard relationship describing the Raman frequency shifts of the rotatory lattice mode of ammonia solid II in the vicinity of its melting point**
Karacali H., Yurtseven H.
JOURNAL OF CHEMICAL SCIENCES, cilt.117, sa.6, ss.677-683, 2005 (SCI-Expanded)

CCVI. **Specific heat of NH4Br and NH4BrxCl1-x crystals close to the antiferroelectric transition**
Yurtseven H., Yanik A.
JOURNAL OF APPLIED PHYSICS, cilt.98, sa.9, 2005 (SCI-Expanded)

CCVII. **Correlations between Raman frequency shifts and the thermodynamic quantities close to the melting point in D2O ice**
Karacali H., Yurtseven H.
PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS, cilt.242, sa.14, ss.2803-2812, 2005 (SCI-Expanded)

CCVIII. **Raman frequency shifts for the rotatory lattice mode close to the melting point in ammonia solid I**
Karacali H., Yurtseven H.
JOURNAL OF PHYSICAL CHEMISTRY B, cilt.109, sa.35, ss.16974-16978, 2005 (SCI-Expanded)

CCIX. **Critical behaviour of Raman frequency shifts for translational modes near the melting point of ammonia solid I based on Pippard relations**
Yurtseven H., Karacali H.
PHILOSOPHICAL MAGAZINE, cilt.85, sa.25, ss.2913-2926, 2005 (SCI-Expanded)

CCX. **Spectroscopic modification of the Pippard relation applied for the translational mode in ammonia solid II near the melting point**
Yurtseven H., Yildiz I.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.61, ss.2543-2548, 2005 (SCI-Expanded)

CCXI. **T-X phase diagram of Na2S2O7-NaHSO4**
Salihoglu S., Yurtseven H., Enginer Y.
CHINESE JOURNAL OF PHYSICS, cilt.43, sa.1, ss.103-109, 2005 (SCI-Expanded)

CCXII. **T-X phase diagram of Na2S2O7-NaHSO 4**
Salihoğlu S., YURTSEVEN H. H., Enginer Y.
Chinese Journal of Physics, cilt.43, sa.1, ss.103-109, 2005 (SCI-Expanded)

CCXIII. **Pippard relation modified for the rotatory lattice mode in ammonia solid II**
Yurtseven H.
HIGH TEMPERATURE MATERIALS AND PROCESSES, cilt.24, sa.5, ss.315-322, 2005 (SCI-Expanded)

CCXIV. **Raman Frequencies calculated as a function of pressure for the rotatory lattice mode in ammonia solid II near the melting point**
Yurtseven H.

CHINESE JOURNAL OF PHYSICS, cilt.42, sa.2, ss.209-217, 2004 (SCI-Expanded)

CCXV. **Temperature Dependence of Susceptibility in the Ferrielectric Phase of Ammonium Sulphate**
Enginer Y., Salihoğlu S., Yurtseven H. H.
Chinese Journal of Physics, cilt.41, sa.4, ss.399-405, 2003 (SCI-Expanded)

CCXVI. **Temperature dependence of the Raman frequencies for the ammonia solid II lattice mode**
Yurtseven H. H., Uğur Ş.
Chinese Journal of Physics, cilt.41, sa.2, ss.140-147, 2003 (SCI-Expanded)

CCXVII. **Calculation of the Raman frequencies of the translational mode in ammonia solid II**
Yurtseven H. H.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.59, sa.5, ss.1003-1008, 2003 (SCI-Expanded)

CCXVIII. **Calculation of the specific heats for the II-III and II-IV phase transitions in NH4I**
Yurtseven H. H., Kaya H.
CHINESE PHYSICS LETTERS, cilt.20, sa.1, ss.35-38, 2003 (SCI-Expanded)

CCXIX. **Frequency shifts of the disorder-induced modes close to the tricritical phase transition in NH4Cl**
Yurtseven H., Kayisoglu D.
HIGH TEMPERATURES-HIGH PRESSURES, sa.4, ss.471-476, 2003 (SCI-Expanded)

CCXX. **Specific heat calculated from the Raman frequency shifts close to the gimel-phase transition in NH4Br**
Yurtseven H., Yanik A.
HIGH TEMPERATURES-HIGH PRESSURES, sa.3, ss.321-327, 2003 (SCI-Expanded)

CCXXI. **Order-disorder phase transition in NH4AlF4**
Yurtseven H. H., Yanik A.
JOURNAL OF PHASE EQUILIBRIA, cilt.23, sa.6, ss.502-505, 2002 (SCI-Expanded)

CCXXII. **Some peculiarities of nematic-isotropic liquid phase transitions in monomorphic and polymorphic mesogens**
Nesrullajev A., Yurtseven H. H., Saliholu S., Kazanc N.
Materials Research Bulletin, cilt.37, sa.12, ss.2007-2021, 2002 (SCI-Expanded)

CCXXIII. **A mean field model near the NAC point in liquid crystals**
Enginer Y., Salihoğlu S., Yurtseven H. H.
Chinese Journal of Physics, cilt.40, sa.5, ss.560-569, 2002 (SCI-Expanded)

CCXXIV. **Critical behaviour of ammonia near the melting point**
Yurtseven H. H., Salihoğlu S.
Chinese Journal of Physics, cilt.40, sa.4, ss.416-423, 2002 (SCI-Expanded)

CCXXV. **A phase diagram near the NAC point in liquid crystals**
Salihoglu S., Yurtseven H. H., Enginer Y.
MATERIALS CHEMISTRY AND PHYSICS, cilt.76, sa.1, ss.59-63, 2002 (SCI-Expanded)

CCXXVI. **Spectroscopic modifications of the Pippard relations for NaNO2 in the sinusoidal antiferroelectric phase**
Tari O., Yurtseven H. H.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.58, sa.8, ss.1615-1621, 2002 (SCI-Expanded)

CCXXVII. **Critical behavior of the disorder-induced Raman modes close to the lambda-phase transition in NH4Cl**
Yurtseven H. H., Kayisoglu D.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.58, sa.8, ss.1823-1830, 2002 (SCI-Expanded)

CCXXVIII. **P-T phase diagram for NH4F**
Salihoglu S., Yurtseven H. H., Enginer Y.
SOLID STATE SCIENCES, cilt.4, sa.4, ss.529-534, 2002 (SCI-Expanded)

CCXXIX. **Calculation of the specific heat for ND4Br close to phase transitions**

Yurtseven H. H., Yanik A.
JOURNAL OF MOLECULAR STRUCTURE, cilt.606, ss.29-34, 2002 (SCI-Expanded)

CCXXX. **Spectroscopic modifications of the pippard relations for NaNO2 in the paraelectric phase**
Yurtseven H. H., Tari Ö.
Chinese Journal of Physics, cilt.40, sa.1, ss.96-104, 2002 (SCI-Expanded)

CCXXXI. **T-P phase diagram of ammonia solid phases I, II and III**
Enginer Y., Salihoglu S., Yurtseven H. H.
MATERIALS CHEMISTRY AND PHYSICS, cilt.73, sa.1, ss.57-61, 2002 (SCI-Expanded)

CCXXXII. **Calculation of the Brillouin frequencies close to phase transitions in NaNO2**
Yurtseven H. H., Caglar I.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.58, sa.1, ss.55-65, 2002 (SCI-Expanded)

CCXXXIII. **A phase diagram for ammonium iodide**
Salihoglu S., Tari O., Yurtseven H. H.
MATERIALS CHEMISTRY AND PHYSICS, cilt.73, ss.339-342, 2002 (SCI-Expanded)

CCXXXIV. **Calculation of the specific heat for the II-III and II-IV phase transitions in NH4Br**
Yurtseven H. H., Mertoglu A.
Chinese Journal of Physics, cilt.39, sa.4, ss.349-356, 2001 (SCI-Expanded)

CCXXXV. **Ultrasonic frequency shifts close to the first order and tricritical phase transitions in NH4Cl**
Yurtseven H. H., Tari O., Bas M.
JOURNAL OF MOLECULAR STRUCTURE, cilt.598, ss.109-116, 2001 (SCI-Expanded)

CCXXXVI. **Brillouin frequency shifts in the ferroelectric phase of NaNO2**
Yurtseven H. H., Aydogdu A.
JOURNAL OF MOLECULAR STRUCTURE, cilt.597, ss.31-38, 2001 (SCI-Expanded)

CCXXXVII. **Temperature dependence of the Raman frequencies and bandwidths close to phase transitions in ammonium halides**
Yurtseven H. H.
JOURNAL OF MOLECULAR STRUCTURE, cilt.595, ss.47-55, 2001 (SCI-Expanded)

CCXXXVIII. **P-T phase diagram at various concentrations for the NH4BrxCl1-x system**
Salihoglu S., Tari O., Yurtseven H. H.
MATERIALS CHEMISTRY AND PHYSICS, cilt.71, sa.2, ss.210-214, 2001 (SCI-Expanded)

CCXXXIX. **Spontaneous polarization close to phase transitions in NaNO2**
Yurtseven H. H., Salihoglu S., Tari O.
MATERIALS CHEMISTRY AND PHYSICS, cilt.71, sa.2, ss.206-209, 2001 (SCI-Expanded)

CCXL. **Ultrasonic frequencies calculated for the q[100] mode in the first-order, tricritical and the second-order phase transitions of NH4Cl**
Yurtseven H. H., Bas M.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.57, sa.7, ss.1347-1359, 2001 (SCI-Expanded)

CCXLI. **Pressure dependence of the Raman frequencies of ammonia solid I near the melting point**
Yurtseven H. H.
ACTA PHYSICA POLONICA A, cilt.99, sa.5, ss.557-564, 2001 (SCI-Expanded)

CCXLII. **Analysis of the frequency shifts close to the second order phase transition in NH4Cl**
Yurtseven H. H., Kayisoglu D.
SPECTROSCOPY LETTERS, cilt.34, sa.2, ss.147-157, 2001 (SCI-Expanded)

CCXLIII. **Spectroscopic modifications of Pippard relations: first-order and second-order phase transitions in NH4Cl**
Yurtseven H. H., Yanik A.
JOURNAL OF MOLECULAR STRUCTURE, cilt.560, ss.161-167, 2001 (SCI-Expanded)

CCXLIV. **Application of the spectroscopic modifications of Pippard relations to NaNO2 in the ferroelectric phase**

Yurtseven H. H., Aydogdu A.
JOURNAL OF MOLECULAR STRUCTURE, cilt.560, ss.189-196, 2001 (SCI-Expanded)

CCXLV. **Calculation of the T-X phase diagram for a mixture of liquid crystals**
Yurtseven H. H., Enginer Y., Salihoglu S.
CALPHAD-COMPUTER COUPLING OF PHASE DIAGRAMS AND THERMOCHEMISTRY, cilt.24, sa.4, ss.483-493, 2000 (SCI-Expanded)

CCXLVI. **Calculation of a phase diagram for the ice II-V-VItransitions**
Tari O., Yurtseven H. H., Salihoglu S.
CALPHAD-COMPUTER COUPLING OF PHASE DIAGRAMS AND THERMOCHEMISTRY, cilt.24, sa.4, ss.475-482, 2000 (SCI-Expanded)

CCXLVII. **Calculation of the specific heat close to the first-order and second-order phase transitions in ammonium halides**
Yurtseven H. H., Yanik A.
JOURNAL OF MOLECULAR STRUCTURE, cilt.553, ss.267-279, 2000 (SCI-Expanded)

CCXLVIII. **Calculation of the ultrasonic frequencies of the q[110] mode for the first-order and tricritical phase transitions in NH4Cl**
Yurtseven H. H., Bas M.
JOURNAL OF MOLECULAR STRUCTURE, cilt.525, ss.87-96, 2000 (SCI-Expanded)

CCXLIX. **T-X-Br phase diagram for the NH4BrxCl1-x system**
Tari O., Yurtseven H. H., Salihoglu S.
PHASE TRANSITIONS, cilt.72, sa.4, ss.351-360, 2000 (SCI-Expanded)

CCL. **Ultrasonic frequencies correlated with the volume changes of the q[1(1)over-bar-0] mode for the first-order phase transition in NH4Cl**
Yurtseven H. H., Bas M.
PHASE TRANSITIONS, cilt.71, sa.2, ss.113-126, 2000 (SCI-Expanded)

CCLI. **A phase diagram of ammonia close to the melting point**
Salihoglu S., Tari O., Yurtseven H. H.
PHASE TRANSITIONS, cilt.72, sa.4, ss.299-308, 2000 (SCI-Expanded)

CCLII. **A phase diagram near the NAC* point in liquid crystals**
Salihoglu S., Tublek A., Yurtseven H. H.
PHASE TRANSITIONS, cilt.70, sa.4, ss.263-276, 2000 (SCI-Expanded)

CCLIII. **Application of the Pippard relations to ammonia near the melting point**
Yurtseven H. H.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, cilt.13, ss.2783-2790, 1999 (SCI-Expanded)

CCLIV. **Raman frequency shifts for ammonia solid I near the melting point**
Yurtseven H. H.
JOURNAL OF PHYSICAL CHEMISTRY A, cilt.103, sa.30, ss.5900-5904, 1999 (SCI-Expanded)

CCLV. **A Phase Diagram of the Nematic, Smectic A and Smectic C phases in Liquid Crystals**
Salihoğlu S., Yurtseven H. H.
Turkish Journal of Physics, cilt.22, sa.12, ss.1087-1096, 1998 (SCI-Expanded)

CCLVI. **A Mean Field Model for the Coexistence of Nematic, Smectic A and Smectic C phases in Liquid Crystals**
Yurtseven H. H., Salihoğlu S.
Turkish Journal of Physics, cilt.22, sa.12, ss.1097-1101, 1998 (SCI-Expanded)

CCLVII. **Calculation of the specific heat for the first order phase transition in NH4Br**
Yurtseven H. H., Yanik A., Sherman W.
MODERN PHYSICS LETTERS B, cilt.12, ss.1089-1095, 1998 (SCI-Expanded)

CCLVIII. **Concentration dependence of polarization for the AC* phase transition in a binary mixture of liquid crystals**
Salihoglu S., Yurtseven H. H., Bumin B.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, cilt.12, sa.20, ss.2083-2090, 1998 (SCI-Expanded)

CCLIX. **A phase diagram for the ice VI-VII-VIII transitions**
Yurtseven H. H., Salihoglu S.
MODERN PHYSICS LETTERS B, cilt.12, sa.8, ss.271-279, 1998 (SCI-Expanded)

CCLX. **Study of phase transitions in polymorphic liquid crystals**
Nesrullajev A., Salihoglu S., Yurtseven H. H.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, cilt.12, sa.2, ss.213-224, 1998 (SCI-Expanded)

CCLXI. **A mean-field model for the phase diagram of liquid crystals**
Tublek A., Yurtseven H. H., Salihoglu S.
PHASE TRANSITIONS, cilt.64, sa.4, ss.203-214, 1998 (SCI-Expanded)

CCLXII. **The mean field model with P-2 theta(2) coupling for the smectic A-smectic C* phase transition in liquid crystals**
Salihoglu S., Yurtseven H. H., Giz A., Kayisoglu D., Konu A.
PHASE TRANSITIONS, cilt.66, ss.259-270, 1998 (SCI-Expanded)

CCLXIII. **Calculation of the specific heat for the first order, tricritical and second order phase transitions in NH4Cl**
Yurtseven H. H., Kayisoglu D., Sherman W.
PHASE TRANSITIONS, cilt.67, sa.2, ss.399-412, 1998 (SCI-Expanded)

CCLXIV. **Spectroscopic modifications of Pippard relations for ammonium halides**
Yurtseven H. H., Sherman W.
JOURNAL OF MOLECULAR STRUCTURE, cilt.435, sa.2, ss.143-150, 1997 (SCI-Expanded)

CCLXV. **A mean field model of the tetracritical point in ferroelectrics**
Salihoglu S., Yurtseven H. H.
PHASE TRANSITIONS, cilt.60, sa.3, ss.173-181, 1997 (SCI-Expanded)

CCLXVI. **gamma-Gruneisen relations close to lambda-phase transitions in NH4Cl**
Yurtseven H. H., Demir T.
JOURNAL OF MOLECULAR STRUCTURE, cilt.382, sa.1, ss.57-62, 1996 (SCI-Expanded)

CCLXVII. **The lambda-phase transition in NH4Br**
Yurtseven H. H., Gulec M., Sherman W.
PHASE TRANSITIONS, cilt.56, sa.3, ss.137-146, 1996 (SCI-Expanded)

CCLXVIII. **A phase diagram for ammonium halides**
Yurtseven H. H., Salihoglu S., Tublek A.
PHASE TRANSITIONS, cilt.54, sa.3, ss.151-163, 1995 (SCI-Expanded)

CCLXIX. **Disorder-induced Raman scattering in ammonium halides**
Yurtseven H. H., Sherman W.
PHASE TRANSITIONS, cilt.54, sa.3, ss.165-179, 1995 (SCI-Expanded)

CCLXX. **The lambda-phase transitions in NH4Cl**
Yurtseven H. H., Sherman W.
PHASE TRANSITIONS, cilt.54, sa.1, ss.1-13, 1995 (SCI-Expanded)

CCLXXI. **Landau theory of the nematic-smectic a tricritical phase transition in a binary mixture of liquid crystals**
Yurtseven H. H.
PHASE TRANSITIONS, cilt.53, sa.1, ss.75-86, 1995 (SCI-Expanded)

CCLXXII. **SPECTROSCOPIC MODIFICATIONS OF PIPPARD RELATIONS AND THEIR APPLICATION TO NH4CL**
YURTSEVEN H. H., SHERMAN W.
JOURNAL OF MOLECULAR STRUCTURE, cilt.323, ss.243-246, 1994 (SCI-Expanded)

CCLXXIII. **A T(c) formula and the isotope effect for strong-coupled superconductors**
Tüblek A., Yurtseven H. H.
PHASE TRANSITIONS, cilt.52, sa.4, ss.219-225, 1994 (SCI-Expanded)

CCLXXIV. **WEAKLY FIRST-ORDER OR NEARLY 2ND-ORDER PHASE-TRANSITIONS**
YURTSEVEN H. H.
PHASE TRANSITIONS, cilt.47, ss.59-68, 1994 (SCI-Expanded)

CCLXXV. **WEAKLY FIRST-ORDER OR NEARLY 2ND-ORDER PHASE-TRANSITIONS IN AMMONIUM HALIDES**
YURTSEVEN H. H., SHERMAN W.
PHASE TRANSITIONS, cilt.47, ss.69-75, 1994 (SCI-Expanded)

CCLXXVI. **THE CRITICAL-BEHAVIOR OF THE RAMAN INTENSITIES OF THE LATTICE MODES IN AMMONIUM HALIDES**
YURTSEVEN H. H., SHERMAN W.
JOURNAL OF MOLECULAR STRUCTURE, cilt.294, ss.175-178, 1993 (SCI-Expanded)

CCLXXVII. **MEAN FIELD-THEORY OF THE NEMATIC-SMECTIC-A PHASE-TRANSITION IN A MIXTURE OF LIQUID-CRYSTALS**
YURTSEVEN H. H., SALIHOGLU S.
JOURNAL OF MOLECULAR LIQUIDS, cilt.54, ss.155-172, 1992 (SCI-Expanded)

CCLXXVIII. **NEMATIC-SMECTIC A TRICRITICAL PHASE-TRANSITION IN BINARY MIXTURE OF LIQUID-CRYSTALS**
YURTSEVEN H. H.
JOURNAL OF MOLECULAR LIQUIDS, cilt.54, ss.51-56, 1992 (SCI-Expanded)

CCLXXIX. **CRITICAL-VALUES FOR SPECIFIC-HEAT FROM RAMAN DATA**
SHERMAN W., YURTSEVEN H. H.
JOURNAL OF MOLECULAR STRUCTURE, cilt.247, ss.61-71, 1991 (SCI-Expanded)

CCLXXX. **Raman study of NH4cl at high pressures**
Yurtseven H. H., Sherman W.
High Pressure Research, cilt.4, ss.508-510, 1990 (SCI-Expanded)

CCLXXXI. **THE INFLUENCE OF DISORDER ON THE GROUP-THEORETICALLY DERIVED SELECTION-RULES IN AMMONIUM HALIDES**
YURTSEVEN H. H., SHERMAN W.
JOURNAL OF MOLECULAR STRUCTURE, cilt.175, ss.459-464, 1988 (SCI-Expanded)

CCLXXXII. **THE BAND-FITTING ANALYSIS OF THE RAMAN-SPECTRA CLOSE TO PHASE-TRANSITIONS**
YURTSEVEN H. H., SHERMAN W.
JOURNAL OF MOLECULAR STRUCTURE, cilt.175, ss.465-470, 1988 (SCI-Expanded)

CCLXXXIII. **Spectroscopic intensities as measures of order parameter close to order-disorder transitions**
Yurtseven H. H., Sherman W. F.
Mikrochimica Acta, cilt.94, ss.125-127, 1988 (SCI-Expanded)

CCLXXXIV. **GENERAL THERMODYNAMIC TREATMENT OF AMMONIUM-CHLORIDE SYSTEM CLOSE TO PHASE-TRANSITIONS**
YURTSEVEN H. H., SHERMAN W.
JOURNAL OF MOLECULAR STRUCTURE, cilt.143, ss.21-24, 1986 (SCI-Expanded)

CCLXXXV. **RAMAN-STUDY OF AMMONIUM HALIDES TREATED AS AN ISING PSEUDOSPIN-PHONON COUPLED SYSTEM**
SHERMAN W., YURTSEVEN H. H.
JOURNAL OF MOLECULAR STRUCTURE, cilt.143, ss.101-104, 1986 (SCI-Expanded)

CCLXXXVI. **RAMAN-SPECTRA, PIPPARD RELATIONS AND CRITICAL EXPONENTS FOR NH4CL**
YURTSEVEN H. H., SHERMAN W.
JOURNAL OF MOLECULAR STRUCTURE, cilt.115, ss.173-176, 1984 (SCI-Expanded)

CLXXXVII. **CONTINUOUS AND DISCONTINUOUS PHASE-TRANSITIONS IN AMMONIUM HALIDES**
YURTSEVEN H. H., SHERMAN W.
JOURNAL OF MOLECULAR STRUCTURE, cilt.115, ss.169-172, 1984 (SCI-Expanded)

CLXXXVIII. **RAMAN-STUDY NH4C1 NEAR THE TRICRITICAL POINT**
YURTSEVEN H. H., SHERMAN W.
JOURNAL OF MOLECULAR STRUCTURE, cilt.80, ss.217-220, 1982 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

I. **Calculation of the Thermodynamic Quantities for Cubic Gauche Nitrogen (cg-N)**
Yurtseven H., Akay O.
INTERNATIONAL JOURNAL OF THERMODYNAMICS, cilt.25, sa.3, ss.32-39, 2022 (ESCI)

II. **Temperature Dependence of the Entropy and the Heat Capacity Calculated from the Raman Frequency Shifts for Solid Benzene, Naphthalene and Anthracene**
Yurtseven H., Ozdemir H.
INTERNATIONAL JOURNAL OF THERMODYNAMICS, cilt.25, sa.3, ss.55-62, 2022 (ESCI)

III. **Calculation of the ν4 (NH4) IR Mode Frequency and the Damping Constant (FWHM) close to the Phase Transitions in NH4ZN(HCOO)3 and ND4ZN(DCOO)3**
KURT A., YURTSEVEN H. H., KURT M.
InternationalJournal of Chemistry and Research, cilt.1, sa.2, ss.46-50, 2019 (Hakemli Dergi)

IV. **Calculation of the Frequency and Line width of the IR Modes as a Function of Temperature in DMMg and DMCd**
KURT A., YURTSEVEN H. H., KURT M.
International Journal of Chemistry and Research, cilt.1, sa.1, ss.19-23, 2019 (Hakemli Dergi)

V. **Damping constant, dielectric susceptibility, inverse relaxation time and the activation energy calculated as a function of temperature from the Raman frequency for the rhombohedral-tetragonal phase transition in BaCeO3**
KİRACI A., YURTSEVEN H. H.
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.19, sa.3, ss.77-83, 2017 (Hakemli Dergi)

VI. **Analysis of the Raman Frequency as an Order Parameter Close to the Melting Point in Biphenyl**
YURTSEVEN H. H., KİLİT DOĞAN E.
Bioequivalence Bioavailability International Journal, cilt.1, sa.1, ss.1-5, 2017 (Hakemli Dergi)

VII. **Calculation of the frequency shifts and damping constant for the Raman modes (A(1g), B-1) near the tetragonal-cubic transition in SrTiO3**
KİRACI A., YURTSEVEN H. H.
TURKISH JOURNAL OF PHYSICS, cilt.41, sa.6, ss.526-535, 2017 (ESCI)

VIII. **Critical behavior of the spontaneous polarization and the dielectric susceptibility close to the cubic-tetragonal transition in BaTiO3**
YURTSEVEN H. H., Oguz F.
JOURNAL OF ADVANCED DIELECTRICS, cilt.5, sa.3, 2015 (ESCI)

IX. **alpha-beta Transition in Quartz: Temperature and Pressure Dependence of the Thermodynamic Quantities for beta-Quartz and beta-Cristobalite as Piezoelectric Materials**
Lider M. C., YURTSEVEN H. H.
3D RESEARCH, cilt.5, sa.4, 2014 (ESCI)

X. **Raman Frequencies Calculated at Various Pressures in Phase I of Benzene**
Tari O., YURTSEVEN H. H.
JOURNAL OF THE KOREAN CHEMICAL SOCIETY-DAEHAN HWAHAK HOE JEE, cilt.57, sa.2, ss.204-209, 2013 (ESCI)

XI. **Pippard relations close to the melting point in the premelting region of hexadecane**
Yurtseven H. H., Tilki Ö., KURT M.
Journal of Thermodynamics, cilt.1, sa.1, 2012 (Scopus)

XII. **Temperature dependence of the Raman frequency of an internal mode for SiO2-moganite close to the α-β Transition**
Lider M. C., Yurtseven H. H.
Journal of Thermodynamics, cilt.1, sa.1, 2012 (Scopus)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. **Calculation of the Raman Frequency and Linewidth of Vibrons using Unharmonic Self Energy Model for the ε, δloc and δ phases in solid Nitrogen**

AKAY Ö., YURTSEVEN H. H.
24. Yoğun Madde Fiziği Toplantısı, Ankara, Türkiye, 21 Aralık 2018

II. **Calculation of The T-X Phase Diagram ın a Two-Component System by using Mean Field Model**
AKAY Ö., YURTSEVEN H. H.
22.Sıvı hal sempozyumu, İstanbul, Türkiye, 07 Aralık 2018

III. **Calculation of the N4 (NH4) IR Mode Frequency and the Damping Constant (FWHM) Close to the Phase Transitions in NH4Zn(HCOO)3 and Nd4Zn(DCOO)3**
KURT A., YURTSEVEN H. H., KURT M.
Turkish Physical Society 34th International Physics Congress, 5 - 09 Eylül 2018

IV. **Lınewidth of the IR Modes as a Function of Temperature in DMMG and DMCD**
KURT A., YURTSEVEN H. H., KURT M.
Turkish Physical Society 34th International Physics Congress, 5 - 09 Eylül 2018

V. **Calculation of the Raman and IR Frequencies as Order Parameters and the Damping Constant (FWHM) Close to Phase Transitions in Methylhydrazinium Structures**
KURT M., YURTSEVEN H. H., KURT A.
XXXIV European Congress on Molecular Spectroscopy - EUCMOS 2018, 19 - 24 Ağustos 2018

VI. **Temperature Dependence of the IR Frequencies and FWHM of the P (NH2) Mode for DMFeCu, DMFeNi and DMFeZn Crystals**
KURT M., YURTSEVEN H. H., KURT A.
IV INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, Kiev, Ukrayna, 2 - 06 Mayıs 2018

VII. **Calculation of the thermodynamic quantities of a perovskite metal organic DMAKCr close to the first-order relaxor-like structural transformation using the mean field theory**
YURTSEVEN H. H., TARI İLGİN Ö.
6th International Conference onSuperconductivity and Magnetism, 29 Nisan - 04 Mayıs 2018

VIII. **Calculation of the thermodynamic functions using a mean field model for the fluid-solid transition in nitrogen**
AKAY Ö., YURTSEVEN H. H.
23. Yoğun madde fiziği Ankara toplantısı, Türkiye, 22 Aralık 2017

IX. **Calculation of the melting temperatures at high pressures in nitrogen using a mean field model**
AKAY Ö., YURTSEVEN H. H.
21. Sıvı Hal Sempozyumu, Türkiye, 21 Aralık 2017

X. **CALCULATION OF THE TILT ANGLE AND SUSCEPTIBILITY AS FUNCTION OF TEMPERATURE AND THE ELECTRIC FIELD CLOSE TO THE SM A-SMC TRANSITION IN C7**
Aksoy S., KURT M., YURTSEVEN H. H.
TURKISH PHYSICAL SOCIETY 33RD INTERNATIONAL PHYSICS CONGRESS, Türkiye, 6 - 10 Eylül 2017

XI. **Correlations between the frequency shifts and the thermodynamic quantities for the alpha-beta transition in quartz**
Lider M. C., YURTSEVEN H. H.
ICMS 2017, 3 - 07 Eylül 2017

XII. **Calculataion of the Raman IR frequencies from the volume data at high pressures in N2**
AKAY Ö., YURTSEVEN H. H.
TURCMOS 2017, 26 - 29 Ağustos 2017

XIII. **Damping constant and the inverse relaxation time calculated as a function of pressure using the x-ray diffraction data close to the cubic-tetragonal phase transition in SrTiO3**
YURTSEVEN H. H., KİRACI A.
8 th International Coference on Electroceramics, Nagoya, Japonya, 28 - 31 Mayıs 2017

XIV. **Analysis of the Integrated Intensity of the Central Peaks Calculated as a Function of Temperature in the Ferroelectric Phase of Lithium Tantalate.**
KİRACI A., YURTSEVEN H. H.
International workshop on mathematical methods in engineering, 27 - 29 Nisan 2017

XV. **Calculation of the DampingConstant, Relaxation Timeand the Activation Energy ofRaman Modes**

inStoichiometric LiTaO3
KİRACI A., YURTSEVEN H. H.
INTERNATIONAL WORKSHOP ONMATHEMATICAL METHODS IN ENGINEERING, 27 - 29 Nisan 2017

XVI. **Analysis of the Magnetic Susceptibility as a Function of Temperature for the and Phases of Oxygen**
YURTSEVEN H. H., Avcı C.
ICSM2016, 24 - 30 Nisan 2016

XVII. **Analysis of magnetization as a function of temperetaure CoMn1 xFexGe**
KİLİT DOĞAN E., YURTSEVEN H. H., EMRE Ş. B.
ICSM2016, 24 - 30 Nisan 2016

XVIII. **VARIATION OF THE RAMAN FREQUENCY OF A SOFT MODE WITH THE PRESSURE 20 OC FOR THE PHASE TRANSITIONS IN NH4F**
YURTSEVEN H. H., TARI İLGİN Ö.
ADIM FİZİK GÜNLERİ V, Türkiye, 21 - 23 Nisan 2016

XIX. **Calculation of the soft mode frequency for the alpha beta transition in quartz**
YURTSEVEN H. H., TARI İLGİN Ö.
International Turkish Congress on Molecular Spectroscopy (TURCMOS 2015), 13 - 18 Eylül 2015

XX. **Pressure dependence of the Raman frequency of an optical mode in cubic gaughe nitrogen**
YURTSEVEN H. H., Tiryaki ö.
International Turkish Congress on Molecular Spectroscopy (TURCMOS 2015), 13 - 18 Eylül 2015

XXI. **Pippard Relation Close to the Alpha - Beta Transition for Quartz in Granite**
YURTSEVEN H. H., Tari O., Gumus A.
9th International Physics Conference of the Balkan-Physical-Union (BPU), İstanbul, Türkiye, 24 - 27 Ağustos 2015, cilt.1722

XXII. **Pippard relation close to the alpha beta transition in quartz in granite**
YURTSEVEN H. H., TARI İLGİN Ö., gümüş a.
Balkan Phys. Conf. Istanbul 2015, 24 - 27 Ağustos 2015

XXIII. **Analysis of the Thermal Expansivity Near the Tricritical Point in Dilute Chromium Alloys**
YURTSEVEN H. H., Tari O.
9th International Physics Conference of the Balkan-Physical-Union (BPU), İstanbul, Türkiye, 24 - 27 Ağustos 2015, cilt.1722

XXIV. **Analysis of the thermal expansivity near the tricritical point in dihte chromium alloys**
YURTSEVEN H. H., TARI İLGİN Ö.
9th International Physics Conference of the Balkan Physical Union, 24 - 27 Ağustos 2015

XXV. **Temperature Dependence of the Brillouin Frequency Shift and the Linewidth of the LA Mode in the Ferroelectric Phase of PZT-x (PbZr1-xTixO3)**
YURTSEVEN H. H., Korkmaz C. S., KİRACI A.
Joint IEEE International Symposium on the Applications of Ferroelectric / International Symposium on Integrated Functionalities / Piezoelectric Force Microscopy Workshop (ISAF/ISIF/PFM), Singapore, Singapur, 24 - 27 Mayıs 2015, ss.1-4

XXVI. **Temperature dependence of the Brillouin frequency shift and the linewidth of the LA mode in the ferroelectric phase PZT X**
YURTSEVEN H. H., KORKMAZ Ş C., KİRACI A.
ISAF-ISIF- PFM 2015, 24 - 27 Mayıs 2015

XXVII. **Calculation of the damping constant and the order parameter for the lattice mode in ferroelectric PbTiO3**
Kiraci A., YURTSEVEN H. H.
IEEE International Symposium on the Applications of Ferroelectric / Workshop on the Piezoresponse Force Microscopy (ISAF/PFM), Prague, Çek Cumhuriyeti, 21 - 25 Temmuz 2013, ss.53-55

XXVIII. **Thermal Expansivity Related to the Frequency Shifts for the I-II Phase Transition In Ammonium Iodide**
YURTSEVEN H. H., Erdogan M. K.

2nd International Conference on Perspectives in Vibrational Spectroscopy, Thiruvananthapuram, Hindistan, 24 - 28 Şubat 2008, cilt.1075, ss.215-217

Metrikler

Yayın: 329
Atıf (WoS): 1399
Atıf (Scopus): 1252
H-İndeks (WoS): 17
H-İndeks (Scopus): 16

Akademi Dışı Deneyim

METU
METU