

Prof. NURTEN NAVRUZ ÖZOĞUL

Personal Information

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Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Fizik (Dr), Turkey 1992 - 1996

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Fizik (Dr), Turkey 1989 - 1992

Undergraduate, Ankara University, Mühendislik Fakültesi, Fizik Mühendisliği Bölümü, Turkey 1984 - 1988

Academic Titles / Tasks

Professor, Ankara University, Fen Fakültesi, Fizik Bölümü, 2011 - Continues

Associate Professor, Ankara University, Fen Fakültesi, Fizik Bölümü, 2004 - 2011

Assistant Professor, Ankara University, Fen Fakültesi, Fizik Bölümü, 1999 - 2004

Lecturer PhD, Ankara University, Fen Fakültesi, Fizik Bölümü, 1996 - 1999

Research Assistant, Ankara University, Fen Fakültesi, Fizik Bölümü, 1988 - 1996

Courses

FİZİK II ELEKTRİK, Undergraduate, 2015 - 2016

ÖZEL KONULAR, Undergraduate, 2015 - 2016

FİZİK I, Undergraduate, 2015 - 2016

Optik Lab , Undergraduate, 2015 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A comparative crystallographic analysis of the tetragonal-to-monoclinic transformation in the yttria-zirconia system**
Navruz N.
PHYSICS OF METALS AND METALLOGRAPHY, vol.105, no.6, pp.580-585, 2008 (SCI-Expanded)
- II. **Crystallography of the tetragonal-to-monoclinic phase transformation in ceria-zirconia**
Navruz N.
PHASE TRANSITIONS, vol.78, no.7-8, pp.539-545, 2005 (SCI-Expanded)
- III. **Application of the infinitesimal deformation approach to the tetragonal-to-monoclinic transformation in MgO-partially-stabilized zirconia**
Navruz N.
PHILOSOPHICAL MAGAZINE LETTERS, vol.84, no.1, pp.15-20, 2004 (SCI-Expanded)
- IV. **Crystallography of cubic to orthorhombic martensitic transformation based on the infinitesimal deformation approach in the alloy AuCu**
Navruz N.
PHASE TRANSITIONS, vol.76, no.12, pp.1029-1035, 2003 (SCI-Expanded)

- V. **Crystallographic analysis of cubic to orthorhombic martensitic transformation for the formation of the oxide plates in tantalum**
Navruz N.
JOURNAL OF MATERIALS SCIENCE LETTERS, vol.22, no.1, pp.17-19, 2003 (SCI-Expanded)
- VI. **Comments on a recent infinitesimal-deformation approach to martensite crystallography - Author's reply**
Navruz N.
METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, vol.33, no.1, pp.204, 2002 (SCI-Expanded)
- VII. **Crystallographic analysis of the fcc-to-fct martensitic transformation in an In-22.73 at.% Ti alloy**
Navruz N., Durlu T.
PHILOSOPHICAL MAGAZINE LETTERS, vol.81, no.11, pp.751-756, 2001 (SCI-Expanded)
- VIII. **Determination of the crystallographic parameters of cubic-to-tetragonal martensitic transformation using the infinitesimal deformation approach and Wechsler, Lieberman, and Read theory**
Navruz N.
METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE, vol.32, no.2, pp.247-250, 2001 (SCI-Expanded)
- IX. **Application of the infinitesimal deformation approach to the fcc -> bcc martensitic transformation for a Fe-31Ni alloy**
Navruz N., Durlu T.
JOURNAL OF MATERIALS SCIENCE LETTERS, vol.18, no.12, pp.959-961, 1999 (SCI-Expanded)
- X. **Formation and interaction of epsilon and alpha' martensites in and Fe-14% Mn alloy**
Navruz N., Durlu T.
ZEITSCHRIFT FUR METALLKUNDE, vol.86, no.11, pp.746-749, 1995 (SCI-Expanded)
- XI. **INFLUENCE OF AUSTENITE GRAIN-SIZE ON STRAIN-INDUCED MARTENSITE FORMATION IN FE-17.1-PERCENT NI-0.81-PERCENT C ALLOY**
NAVRUZ N., DURLU T.
JOURNAL OF MATERIALS SCIENCE LETTERS, vol.12, no.17, pp.1378-1379, 1993 (SCI-Expanded)

Articles Published in Other Journals

- I. **Martensitic Transformation in an Iron-Platinum Alloy**
NAVRUZ ÖZOĞUL N.
Turkish Physical Society 28th International Physics Congress, vol.1, no.1, pp.131-132, 2011 (Peer-Reviewed Journal)
- II. **Examination of the hcp to fcc reverse transformation in an Fe-14Mn alloy**
NAVRUZ ÖZOĞUL N.
Tr. J. of Physics, vol.21, no.25, pp.1145-1149, 1997 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Crystallographic Features of The Martensitic Transformation in PbTiO₃ Compound**
Navruz N.
7th International Conference of the Balkan-Physical-Union, Alexandroupoli, Greece, 9 - 13 September 2009, vol.1203, pp.862-865

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