

Prof. METİN ÖNDER

Personal Information

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Education Information

Doctorate, Hacettepe University, Mühendislik Fakültesi, Fizik Mühendisliği Bölümü, Turkey 1981 - 1985

Postgraduate, Imperial College of Science, Technology and Medicine, Elektrik Mühendisliği, United Kingdom 1976 - 1977

Undergraduate, Imperial College of Science, Technology and Medicine, Fizik, United Kingdom 1973 - 1976

Foreign Languages

English, C1 Advanced

Academic Titles / Tasks

Professor, Hacettepe University, Mühendislik Fakültesi, Fizik Mühendisliği Bölümü, 1994 - Continues

Associate Professor, Hacettepe University, Mühendislik Fakültesi, Fizik Mühendisliği Bölümü, 1989 - 1994

Assistant Professor, Hacettepe University, Mühendislik Fakültesi, Fizik Mühendisliği Bölümü, 1987 - 1989

Lecturer, Hacettepe University, Mühendislik Fakültesi, Fizik Mühendisliği Bölümü, 1986 - 1987

Research Assistant, Hacettepe University, Mühendislik Fakültesi, Fizik Mühendisliği Bölümü, 1981 - 1986

Academic and Administrative Experience

Hacettepe Üniversitesi, Mühendislik Fakültesi, Fizik Mühendisliği Bölümü, 1994 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Basic gravitational currents and Killing-Yano forms**
Acik O., Ertem U., ÖNDER M., Vercin A.
GENERAL RELATIVITY AND GRAVITATION, vol.42, no.11, pp.2543-2559, 2010 (SCI-Expanded)
- II. **Killing-Yano forms of a class of spherically symmetric space-times: A unified generation of higher forms**
Acik O., Ertem U., ÖNDER M., Vercin A.
JOURNAL OF MATHEMATICAL PHYSICS, vol.51, no.2, 2010 (SCI-Expanded)
- III. **First-order symmetries of the Dirac equation in a curved background: a unified dynamical symmetry condition**
Acik O., Ertem U., Oender M., Vercin A.
CLASSICAL AND QUANTUM GRAVITY, vol.26, no.7, 2009 (SCI-Expanded)
- IV. **Orbits of the n-dimensional Kepler-Coulomb problem and universality of the Kepler laws**
Onder M., VERÇİN A.

EUROPEAN JOURNAL OF PHYSICS, vol.27, no.1, pp.49-55, 2006 (SCI-Expanded)

- V. **Two families of superintegrable and isospectral potentials in two dimensions**
DEMİRCİOĞLU B., KURU Ş., ONDER M., VERÇİN A.
JOURNAL OF MATHEMATICAL PHYSICS, vol.43, no.5, pp.2133-2150, 2002 (SCI-Expanded)
- VI. **Non-Riemannian gravity and the Einstein-Proca system**
DERELİ T., ONDER M., SCHRAY J., TUCKER R., WANG C.
CLASSICAL AND QUANTUM GRAVITY, vol.13, no.8, 1996 (SCI-Expanded)
- VII. **SOLUTIONS FOR NEUTRAL AXI-DILATON GRAVITY IN 4-DIMENSIONS**
DERELİ T., ONDER M., TUCKER R.
CLASSICAL AND QUANTUM GRAVITY, vol.12, no.4, 1995 (SCI-Expanded)
- VIII. **ON THE RELATION BETWEEN CLASSICAL AND QUANTUM COSMOLOGY IN A 2-DIMENSIONAL DILATON-GRAVITY MODEL**
ONDER M., TUCKER R.
CLASSICAL AND QUANTUM GRAVITY, vol.11, no.5, pp.1243-1253, 1994 (SCI-Expanded)
- IX. **A SPINOR MODEL FOR QUANTUM COSMOLOGY**
DERELİ T., ONDER M., TUCKER R.
PHYSICS LETTERS B, vol.324, no.2, pp.134-140, 1994 (SCI-Expanded)
- X. **SIGNATURE TRANSITIONS IN QUANTUM COSMOLOGY**
DERELİ T., ONDER M., TUCKER R.
CLASSICAL AND QUANTUM GRAVITY, vol.10, no.8, pp.1425-1434, 1993 (SCI-Expanded)
- XI. **CANONICAL-ANALYSIS OF A CLASS OF 2-DIMENSIONAL DILATON-GRAVITY MODELS**
ONDER M., TUCKER R.
PHYSICS LETTERS B, vol.311, pp.47-50, 1993 (SCI-Expanded)
- XII. **RELATIVISTIC ELASTICA**
DERELİ T., HARTLEY D., ONDER M., TUCKER R.
PHYSICS LETTERS B, vol.252, no.4, pp.601-604, 1990 (SCI-Expanded)
- XIII. **ON THE EINSTEIN-MAXWELL-EQUATIONS FOR A STIFF MEMBRANE**
HARTLEY D., ONDER M., TUCKER R.
CLASSICAL AND QUANTUM GRAVITY, vol.6, no.9, pp.1301-1309, 1989 (SCI-Expanded)
- XIV. **SEMICLASSICAL INVESTIGATION OF A CHARGED RELATIVISTIC MEMBRANE MODEL**
ONDER M., TUCKER R.
JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL, vol.21, no.17, pp.3423-3429, 1988 (SCI-Expanded)
- XV. **MEMBRANE INTERACTIONS AND TOTAL MEAN-CURVATURE**
ONDER M., TUCKER R.
PHYSICS LETTERS B, vol.202, no.4, pp.501-504, 1988 (SCI-Expanded)
- XVI. **ENERGY-BANDS, CARRIER DENSITY AND FERMI ENERGY IN BI IN A UNIFORM MAGNETIC-FIELD**
CANKURTARAN M., ONDER M., CELİK H., ALPER T.
JOURNAL OF PHYSICS C-SOLID STATE PHYSICS, vol.20, no.25, pp.3875-3886, 1987 (SCI-Expanded)
- XVII. **MEAN-FIELD ANALYSIS OF DECONFINEMENT TRANSITION IN SU(3) WITH HEAVY DYNAMIC QUARKS AT FINITE BARYON-NUMBER DENSITY**
CELİK T., FIRAT T., GUNDUC Y., ONDER M.
PHYSICAL REVIEW D, vol.35, no.12, pp.3958-3962, 1987 (SCI-Expanded)
- XVIII. **EINSTEIN-KÄHLER SOLUTIONS IN SOME COSMOLOGICAL SPACE TIMES**
DERELİ T., ONDER M., TUCKER R.
CLASSICAL AND QUANTUM GRAVITY, vol.1, no.6, 1984 (SCI-Expanded)

Articles Published in Other Journals

- I. **Constrained Euler Poincare Supergravity in Five Dimensions**
ATASOY E., DERELİ D. T., ÖNDER M.

Turkish Journal of Physics, vol.21, pp.1181-1187, 1997 (Scopus)

II. On The Relation Between Classical and Quantum Cosmologies

DERELİ D. T., ÖNDER M., TUCKER R. W.

Turkish Journal of Physics, vol.19, pp.249-273, 1995 (Scopus)

III. The Classical Lorentz Dirac Equation and Extrinsic Curvatures

DERELİ D. T., ÖNDER M., TUCKER R. W.

Turkish Journal of Physics, vol.18, pp.77-81, 1994 (Scopus)

Books & Book Chapters

I. Görelilik İlkesi

ÖNDER M., CEYLAN A., YILMAZ D., DUMAN E.

in: Fizik İlkeler ve Pratik, Ali Ulvi Yılmaz, Abdullah Verçin, Editor, Nobel Akademik Yayıncılık, 2015

Refereed Congress / Symposium Publications in Proceedings

I. Non Riemannian cosmological models

DERELİ D. T., ÖNDER M., SCHRAY J., TUCKER R. W., WANG C.

The Ninth Marcel Grossmann Meeting, 2 - 08 July 2000

Metrics

Publication: 23

Citation (WoS): 281

Citation (Scopus): 291

H-Index (WoS): 10

H-Index (Scopus): 9