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Kişisel Bilgiler

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Araştırma Alanları

Temel Bilimler

Akademik Unvanlar / Görevler

Prof. Dr., Yıldız Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, 2019 - Devam Ediyor

Yönetilen Tezler

ÖZER M., Sicim Motivasyonlu Skaler Alan Kozmolojileri Üzerine İncelemeler, Yüksek Lisans, K.M.(Öğrenci), 1993

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Quantification of scattering from fiber surface irregularities**
Avram E., Mahmood W., ÖZER M.
JOURNAL OF LIGHTWAVE TECHNOLOGY, cilt.20, sa.4, ss.634-637, 2002 (SCI-Expanded)
- II. **Fate of the universe, age of the universe, dark matter, and the decaying vacuum energy**
Ozer M.
ASTROPHYSICAL JOURNAL, cilt.520, sa.1, ss.45-53, 1999 (SCI-Expanded)
- III. **A nonsingular universe in string cosmology**
Al-Nowaiser A. A., Ozer M., Taha M. O.
INTERNATIONAL JOURNAL OF MODERN PHYSICS D, cilt.8, sa.1, ss.43-49, 1999 (SCI-Expanded)
- IV. **Spontaneous decay of the effective cosmological constant**
Ozer M., Taha M. O.
MODERN PHYSICS LETTERS A, cilt.13, sa.7, ss.571-580, 1998 (SCI-Expanded)
- V. **Singular scalar field cosmologies with energy density decaying as t^{-2}**
Mubarak K. M., Ozer M.
CLASSICAL AND QUANTUM GRAVITY, cilt.15, sa.1, ss.75-88, 1998 (SCI-Expanded)
- VI. **Bounds on the vacuum component in cosmology with a decaying vacuum energy**
Özer M.
Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, cilt.404, ss.20-24, 1997 (SCI-Expanded)
- VII. **GIM mechanism and its consequences in the $SU(3)(L) \times U(1)(X)$ models of electroweak interactions**
Ozer M.
PHYSICAL REVIEW D, cilt.54, sa.7, ss.4561-4565, 1996 (SCI-Expanded)
- VIII. **$SU(3)(L) \times U(1)(X)$ model of electroweak interactions without exotic quarks**
Ozer M.

PHYSICAL REVIEW D, cilt.54, sa.1, ss.1143-1149, 1996 (SCI-Expanded)

- IX. **Approximate calculation of the N-loop effective potential for large field values through the renormalization group equation**
Ozer M.
MODERN PHYSICS LETTERS A, cilt.11, sa.10, ss.805-813, 1996 (SCI-Expanded)
- X. **The electromagnetic gauge invariance in the SU(3) \times U(1) \times models of electroweak unification**
Özer M.
Physics Letters B, cilt.337, ss.324-327, 1994 (SCI-Expanded)
- XI. **ASYMPTOTIC-BEHAVIOR OF THE HIGGS COUPLING IN SU(2) \times U(1) THEORY**
ALHENDI H., OZER M., Taha M. O.
PHYSICAL REVIEW D, cilt.46, sa.1, ss.428-430, 1992 (SCI-Expanded)
- XII. **Exact solutions in string-motivated scalar-field cosmology**
Azer M., Taha M.
Physical Review D, cilt.45, sa.4, 1992 (SCI-Expanded)
- XIII. **Top quark mass from gut mass relations**
Alhendi H., Özer M., Taha M.
Physics Letters B, cilt.213, sa.3, ss.337-339, 1988 (SCI-Expanded)
- XIV. **A model of the universe free of cosmological problems**
Özer M., Taha M.
Nuclear Physics, Section B, cilt.287, ss.776-796, 1987 (SCI-Expanded)
- XV. **THE HIGGS BOSON MASS IN STANDARD ELECTROWEAK THEORY**
ALHENDI H., ÖZER M., Taha M. O.
ZEITSCHRIFT FÜR PHYSIK C-PARTICLES AND FIELDS, cilt.36, sa.4, ss.639-641, 1987 (SCI-Expanded)
- XVI. **A possible solution to the main cosmological problems**
Özer M., Taha M.
Physics Letters B, cilt.171, sa.4, ss.363-365, 1986 (SCI-Expanded)
- XVII. **More on generalized gauge hierarchies with two-loop β -functions**
Al-Hendi H., Özer M.
Physics Letters B, cilt.166, sa.2, ss.183-185, 1986 (SCI-Expanded)
- XVIII. **PRECOCIOUS UNIFICATION IN SIMPLE GRAND UNIFIED THEORIES**
OZER M.
PHYSICAL REVIEW D, cilt.31, sa.1, ss.181-184, 1985 (SCI-Expanded)
- XIX. **Do light lepto-quark bosons exist?**
Özer M.
Physics Letters B, cilt.146, ss.233-236, 1984 (SCI-Expanded)
- XX. **The role of 75H in fermion mass hierarchy**
Kim J. E., Özer M.
Physics Letters B, cilt.134, sa.6, ss.425-428, 1984 (SCI-Expanded)
- XXI. **Fermion mass ratios and low energy grand unification**
Özer M.
Physics Letters B, cilt.124, ss.64-66, 1983 (SCI-Expanded)
- XXII. **More on generalized gauge hierarchies**
Özer M.
Physics Letters B, cilt.118, ss.355-358, 1982 (SCI-Expanded)
- XXIII. **NEUTRON-ANTINEUTRON OSCILLATIONS AND RENORMALIZATION EFFECTS FOR $\Delta B=2$ 6-QUARK OPERATORS**
OZER M.
PHYSICAL REVIEW D, cilt.26, sa.11, ss.3159-3166, 1982 (SCI-Expanded)
- XXIV. **COLOR PRODUCTION IN THE PATI-SALAM MODEL**
Mtingwa S. K., OZER M.
PHYSICAL REVIEW D, cilt.23, sa.1, ss.85-88, 1981 (SCI-Expanded)

XXV. Liberated color in leptoproduction

Özer M., Pati J. C.

Nuclear Physics, Section B, cilt.159, sa.3, ss.293-315, 1979 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Is There an Age of the Universe Problem after the Hipparcos Data?**
ÖZER M.
TURKISH JOURNAL OF PHYSICS, cilt.25, 2001 (Scopus)
- II. **On the One-Loop Yukawa Coupling Beta-Function to Order Y^2 in a General Gauge and its Gauge Independence**
ÖZER M.
TURKISH JOURNAL OF PHYSICS, cilt.22, 1998 (Scopus)
- III. **SU(3) \times U(1) Models of Electroweak Unification with Natural Conservation Laws for Neutral Currents**
ÖZER M.
TURKISH JOURNAL OF PHYSICS, cilt.21, sa.4, ss.614-620, 1997 (Scopus)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Surface scratch and pit analysis on optical interfaces**
Mahmood W., Ozer M., Avram E.
Conference on Active and Passive Optical Components for WDM Communication, Colorado, Amerika Birleşik Devletleri, 21 - 24 Ağustos 2001, cilt.4532, ss.323-329

Desteklenen Projeler

ÖZER M., Yükseköğretim Kurumları Destekli Proje, Genel Rölativite Teorisinin Elektromanyetizma Kısımının ve Gravitasyon ile Elektromanyetizmanın Yeni Birleşik Teorisinin Deneysel Testi, 2015 - 2018
ÖZER M., Diğer Resmi Kurumlarca Desteklenen Proje, Elektrik Alanı İçerisinde Mössbauer İncelemeleri, 2010 - 2013

Metrikler

Yayın: 29

Atıf (WoS): 724

Atıf (Scopus): 833

H-İndeks (WoS): 8

H-İndeks (Scopus): 10

Akademi Dışı Deneyim

CIENA Corporation

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