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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Fizik, Turkey 2010 - 2017

Postgraduate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Fizik, Turkey 2007 - 2010

Foreign Languages

German, B1 Intermediate

English, B2 Upper Intermediate

Dissertations

Doctorate, ETKİN ALAN TEORİSİNDE VEKTÖR MEZON OKTET İLE BARYON OKTETİN ETKİLEŞİMİ VE NÜKLEON-DELTANIN AKSİYAL GEÇİŞ YAPI FAKTÖRLERİ , Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik, 2017

Postgraduate, FENOMENOLOJİK YAKLAŞIMDA MEZON BOZUNUMLARI , Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik, 2010

Research Areas

Physics, Basic Particles and Areas, General Theory of Particles and Fields, Properties of special particles, Special reactions and phenomenology, Natural Sciences

Academic Titles / Tasks

Research Assistant PhD, Canakkale Onsekiz Mart University, Fen Fakültesi, Fizik, 2009 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Electric dipole moments of charm baryons using dimension-six operators**

Ünal Y.

Physical Review D, vol.108, no.7, 2023 (SCI-Expanded)

Articles Published in Other Journals

- I. **Pseudoscalar form factors of the Delta(1232) in Baryon Chiral Perturbation Theory**
ÜNAL ŞAHİN Y.
TURKISH JOURNAL OF PHYSICS, vol.44, no.3, pp.280-287, 2020 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Axial Nucleon-Delta Transition Form Factors in Chiral Perturbation Theory**
ÜNAL Y.
SFB School 2017 Boppard, 29 September - 01 August 2017
- II. **Baryon Kiral Pertürbasyon Teorisinde Nükleon-Deltanın CA5 Aksiyal Geçiş Yapı Faktörü**
ÜNAL Y., KÜÇÜKARSLAN A.
İstanbul Yüksek Enerji Fiziği Çalıştayı (YEFIST 2017), Turkey, 6 - 07 May 2017
- III. **Constraint Analysis for the Interaction of the VectorMeson with the baryon Octet**
ÜNAL Y., KÜÇÜKARSLAN A., scherer s.
DPG Conferences 2015, 01 April 2015
- IV. **Constraint analysis for the interaction of the vector-meson octet with the baryon octet**
Unal Y., Kucukarslan A., Scherer S.
4th International Conference on Hadron Physics, TROIA 2014, Çanakkale, Turkey, 1 - 05 July 2014, vol.562
- V. **Scalar Mesons in the Decay $\phi \rightarrow K^0 \bar{K}^0 \gamma$**
ÜNAL Y., KÜÇÜKARSLAN A.
3rd International Hadron Physics Conference, TROIA'11: Journal of Physics: ConferenceSeries., Çanakkale, Turkey, 22 - 25 August 2011, vol.348, pp.12018
- VI. **Scalar Mesons in the Decay $\phi \rightarrow K^0 (K^0) \gamma$**
ÜNAL ŞAHİN Y., KÜÇÜKARSLAN A.
3rd International Conference on Hadron Physics (TROIA), Çanakkale, Turkey, 22 - 25 August 2011, vol.348
- VII. **The Effects of f_2 Tensor Meson in Radiative $\phi \rightarrow \pi^0 \pi^0 \gamma$ Decay**
KÜÇÜKARSLAN A., ÜNAL Y., AÇIKSÖZ E.
28th International Physics Congress, Türk Fizik Derneği (TFD28), Bodrum-Muğla, Turkey, 6 - 09 September 2011
- VIII. **The $\phi \rightarrow \pi^0 \pi^0 \gamma$ Decay in Phenomenological Approach**
ÜNAL Y., KÜÇÜKARSLAN A.
28th International Physics Congress, Türk Fizik Derneği (TFD28), Bodrum-Muğla, Turkey, 6 - 09 September 2011
- IX. **Different Contributions of the Decay $\phi \rightarrow \pi^+ \pi^- \pi^0$**
KÜÇÜKARSLAN A., ÜNAL Y.
International Congress on Advances in Applied Physics and Materials Science, APMAS, Book Series: AIP Conference Proceedings, Antalya, Turkey, 12 - 15 May 2011, vol.1400, pp.186-189
- X. **Radiative $\phi \rightarrow \pi^+ \pi^- \gamma$ Vertex in QCD Sum Rules and Phenomenological Approach**
KÜÇÜKARSLAN A., Ozdem U., ÜNAL ŞAHİN Y.
1st International Congress on Advances in Applied Physics and Materials Science (APMAS), Antalya, Turkey, 12 - 15 May 2011, vol.1400, pp.190-193
- XI. **Different Contributions of the $\phi \rightarrow K^0 (K^0) \gamma$ Decay**
KÜÇÜKARSLAN A., ÜNAL ŞAHİN Y.
1st International Congress on Advances in Applied Physics and Materials Science (APMAS), Antalya, Turkey, 12 - 15 May 2011, vol.1400, pp.186-189
- XII. **$\phi \rightarrow K^0 \bar{K}^0 \gamma$ Decay in Phenomenological Approach**
ÜNAL Y., KÜÇÜKARSLAN A.
27th International Physics Congress, Türk Fizik Derneği (TFD27), İstanbul, Turkey, 14 - 17 September 2010

Supported Projects

KÜÇÜKARSLAN A., ÜNAL Y., Project Supported by Higher Education Institutions, Chiral Pertürbasyon Teorisinde
Sözdeskalar Yapı Faktörlerinin Hesaplanması, 2019 - 2020

Metrics

Publication: 14

Scholarships

Araştırma Bursu, University, 2017 - Continues

Araştırma Bursu, University, 2015 - Continues

2214 A Yurt Dışı Doktora Sırası Araştırma Burs Programı, University, 2013 - Continues