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Photograph of the participants in the fifth Solvay Conference (1927), at Leopold Park in Brussels. <https://lorentz.leidenuniv.nl/>

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TUBİTAK ARDEB 1001 PROJESİ

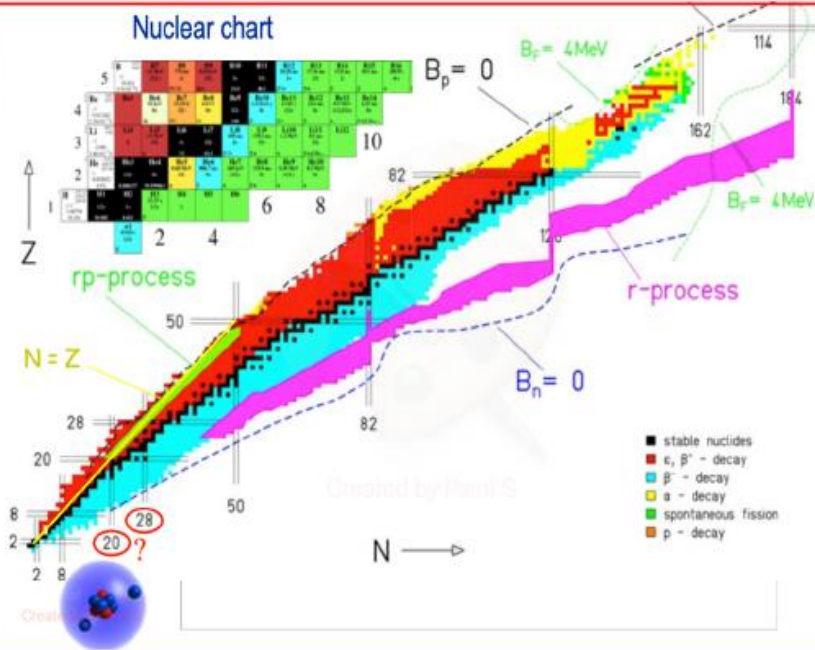
- Proje Adı: Egzotik ^{12}N Çekirdek Yapısının Parçalanma Reaksiyonları ile İncelenmesi
- No: 123F342
- Yürütücü: Prof. Dr. Yasemin KÜÇÜK
- Bütçe: 1038500 TL

PROJE



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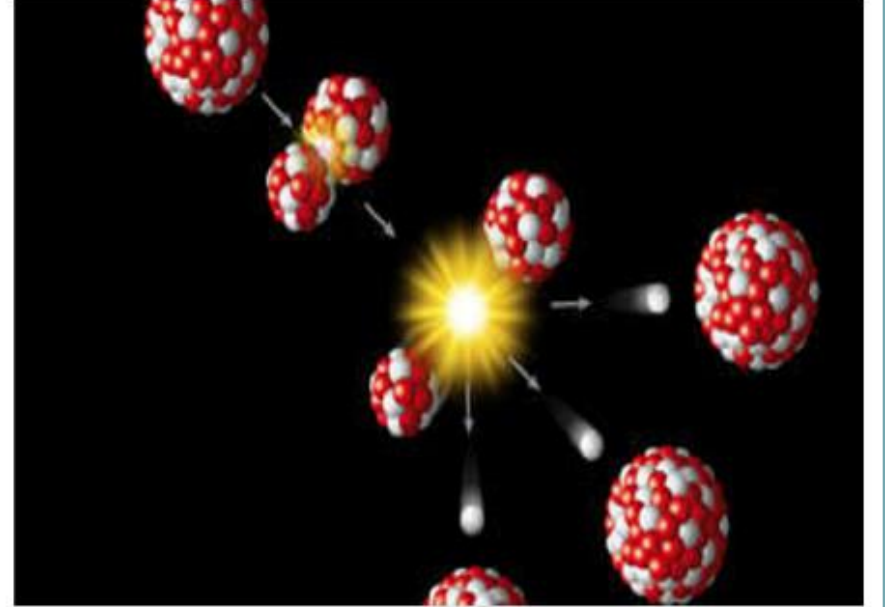
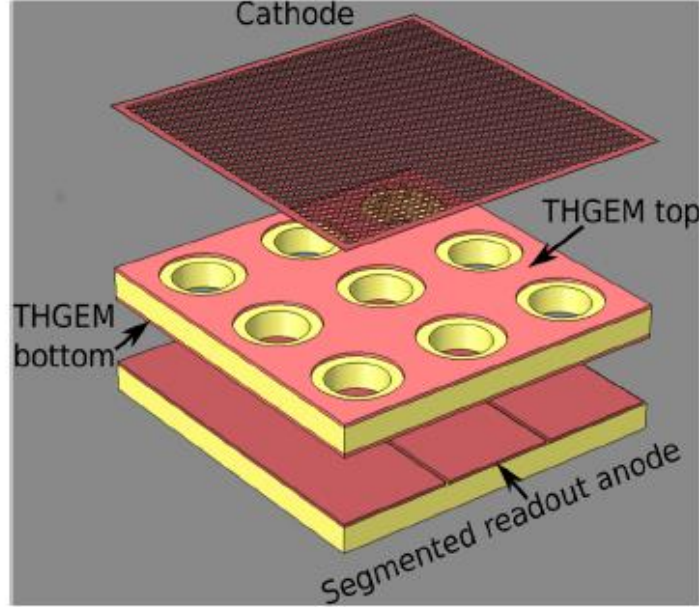


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TUBITAK ARDEB 1005 PROJESİ

- ❖ Proje Adı: Düşük Gaz Basıncı THGEM Dedektörünün Geliştirilmesi
- ❖ No: 122F443
- ❖ Yürütücü: Prof. Dr. Yasemin KÜÇÜK
- ❖ Bütçe: 650000 TL

PROJE

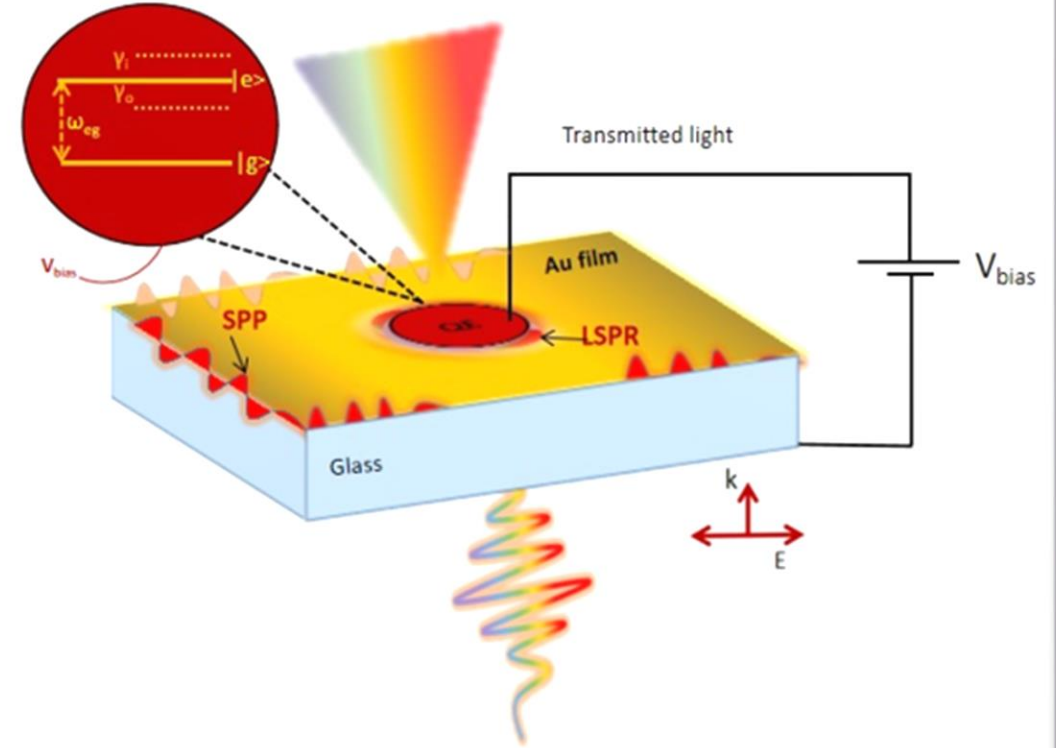
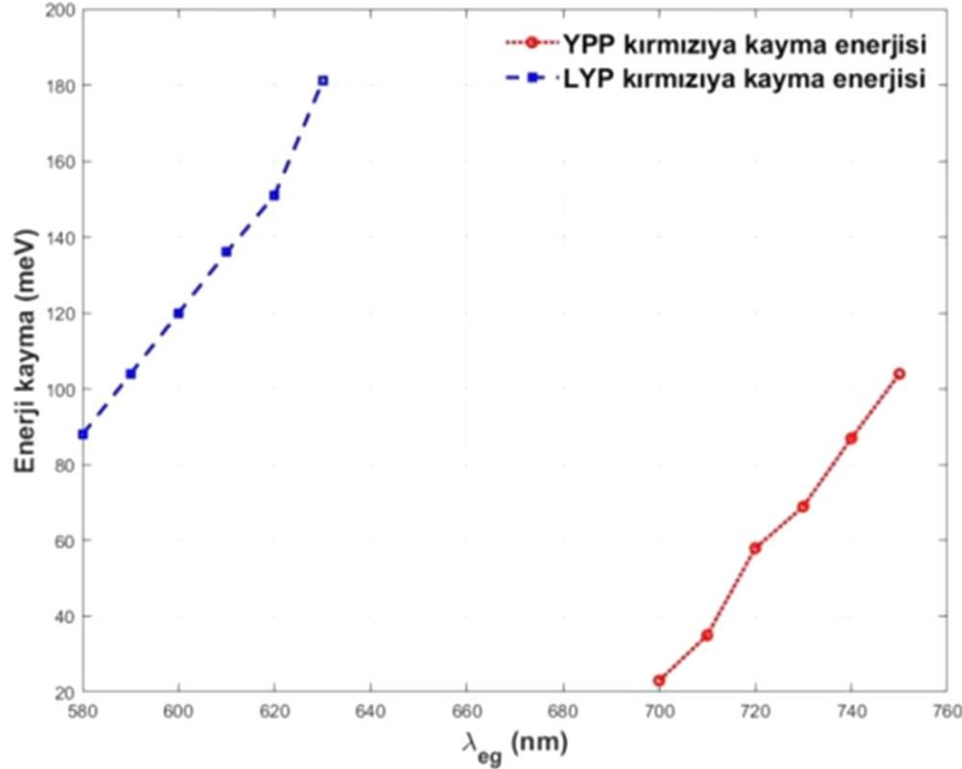


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Kuantum Plazmonik Kontrollü Olağandışı Optik Geçirgenlik

- Doç.Dr.Ramazan ŞAHİN
- Proje No: 121F030
- Bütçe: 573.687 (TL)

PROJE



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SON 3 YILDA EN FAZLA ATIF ALAN MAKALE

FCC-ee: The Lepton Collider: Future Circular Collider Conceptual Design Report Volume 2

By

Abada, A (Abada, A.) [32] ; Abbrescia, M (Abbrescia, M.) [118] , [260] ; AbdusSalam, SS (AbdusSalam, S. S.) [221] ; Abdyukhanov, I (Abdyukhanov, I.) [16] ; Fernandez, JA (Fernandez, J. Abelleira) [143] , [144] ; Abramov, A (Abramov, A.) [207] ; Aburaia, M (Aburaia, M.) [287] ; Acar, AO (Acar, A. O.) [241] ; Adzic, PR (Adzic, P. R.) [290] ; Agrawal, P (Agrawal, P.) [80] ; ...More

Group Author

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EUROPEAN PHYSICAL JOURNAL-SPECIAL TOPICS

Volume: 228 Issue: 2 Page: 261-623

DOI: 10.1140/epjst/e2019-900045-4

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5-10 September 2023

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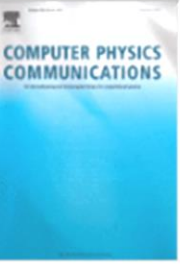
WOS-Q1



ELSEVIER

Computer Physics Communications

Volume 284, March 2023, 108613



BiFold: A Python code for the calculation of double-folded (bifold) potentials with density-in/dependent nucleon-nucleon interactions ☆, ☆☆

Mesut Karakoç ✉

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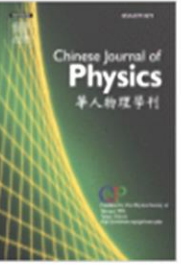
WOS-Q1



ELSEVIER

Chinese Journal of Physics



Volume 82, April 2023, Pages 47-61



Exact solutions in teleparallel dark energy model

Yusuf Kucukakca^a , Amin Rezaei Akbarieh^b  , Saleh Ashrafi^{b c} 

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WOS-Q1

Harmonic-Gaussian Symmetric and Asymmetric Double Quantum Wells: Magnetic Field Effects

by  Esin Kasapoglu ¹ ,  Melike Behiye Yücel ²  and  Carlos A. Duque ^{3,*}  

¹ Physics Department, Science Faculty, Sivas Cumhuriyet University, Sivas 58140, Turkey

² Physics Department, Science Faculty, Akdeniz University, Antalya 07058, Turkey

³ Grupo de Materia Condensada-UdeA, Instituto de Física, Facultad de Ciencias Exactas y Naturales, Universidad de Antioquia UdeA, Calle 70 No. 52-21, Medellín AA 1226, Colombia










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Nanomaterials **2023**, *13*(5), 892; <https://doi.org/10.3390/nano13050892>

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WOS-Q1

Parabolic–Gaussian Double Quantum Wells under a Nonresonant Intense Laser Field

by  Esin Kasapoglu ¹  ,  Melike Behiye Yücel ²   and
 Carlos A. Duque ^{3,*}  

¹ Department of Physics, Faculty of Science, Sivas Cumhuriyet University, 58140 Sivas, Türkiye

² Department of Physics, Faculty of Science, Akdeniz University, 07058 Antalya, Türkiye

³ Grupo de Materia Condensada-UdeA, Instituto de Física, Facultad de Ciencias Exactas y Naturales, Universidad de Antioquia UdeA, Calle 70 No. 52-21, Medellín 050003, Colombia

* Author to whom correspondence should be addressed.

Nanomaterials **2023**, *13*(8), 1360; <https://doi.org/10.3390/nano13081360>

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WOS-Q1

Spin–Orbit and Zeeman Effects on the Electronic Properties of Single Quantum Rings: Applied Magnetic Field and Topological Defects

by  José C. León-González ^{1,2}  ,  Rafael G. Toscano-Negrette ^{1,2} ,  A. L. Morales ¹  ,
 J. A. Vinasco ¹  ,  M. B. Yücel ³  ,  H. Sari ⁴  ,  E. Kasapoglu ⁵  ,
 S. Sakiroglu ⁶  ,  M. E. Mora-Ramos ⁷  ,  R. L. Restrepo ⁸   and  C. A. Duque ^{1,*}  

¹ Grupo de Materia Condensada-UdeA, Instituto de Física, Facultad de Ciencias Exactas y Naturales, Universidad de Antioquia UdeA, Calle 70 No. 52-21, Medellín 050010, Colombia

² Departamento de Física y Electrónica, Universidad de Córdoba, Carrera 6 No. 77-305, Montería 230002, Colombia

³ Department of Physics, Faculty of Science, Akdeniz University, 07058 Antalya, Turkey

⁴ Department of Mathematical and Natural Science, Faculty of Education, Sivas Cumhuriyet University, 58140 Sivas, Turkey

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⁶ Dokuz Eylül University, Faculty of Science, Physics Department, 35390 Izmir, Turkey

⁷ Centro de Investigación en Ciencias, Instituto de Investigación en Ciencias Básicas y Aplicadas, Universidad Autónoma del Estado de Morelos, Av. Universidad 1001, Cuernavaca CP 62209, Morelos, Mexico

⁸ Universidad EIA, Envigado 055428, Colombia

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The effect of position-dependent effective mass on the optical properties of a spherical quantum dot confined in inverse square root truncated and deformed exponential potential

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[K. Bayrak](#) ✉, [D. Kaya](#) & [O. Bayrak](#)

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Unlicensed Published by De Gruyter September 12, 2023

Physical and chemical properties of beads glasses

Ahmad Abdulhasan Zarkooshi, Murat Kaleli, Nina Tuncel and
Iskender Akkurt  

From the journal [Materials Testing](#)

<https://doi.org/10.1515/mt-2023-0114>

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W O S - Q 2

International Journal of Geometric Methods in Modern Physics

| Vol. 20, No. 06, 2350106 (2023)

| Research Article

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Noether symmetries of tachyonic teleparallel cosmology with boundary term

Amin Rezaei Akbarieh, Pouneh Safarzadeh Ilkhchi, and Yusuf Kucukakca

<https://doi.org/10.1142/S0219887823501062>

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WOS-Q2



Physica B: Condensed Matter

Volume 648, 1 January 2023, 414403



The total absorption coefficient and refractive index change of a spherical quantum dot in the confinement radial potential

[D. Kaya](#) , [M.B. Yücel](#) , [O. Bayrak](#)  

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An assessment on levels of radionuclides and trace metals and radiological risk to marine biota in the North-Eastern Mediterranean Sea

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Volume 232, pages 1583–1593, (2023) [Cite this article](#)

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Applied Radiation and Isotopes



Volume 191, January 2023, 110458



Obtaining a new empirical $(n,2n)$ cross section formula using Flerov and Talyzin non-elastic cross sections at 14–15 MeV

[Eyyup Tel](#)^a  , [Ahmet Bülbül](#)^a, [İsmail Hakkı Sarpün](#)^{b c d}, [Aydoğan Doğan](#)^a

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Applied Radiation and Isotopes



Volume 192, February 2023, 110613



Simple parametrization of (n,d) cross sections using Flerov and Talyzin's formula

Eyyup Tel^a, Ahmet Bülbül^a, Mustafa Yiğit^b  , İsmail Hakkı Sarpün^c,
Yusuf Kavun^d

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The effects of the variable mass on the electronic and nonlinear optical properties of octic anharmonic oscillators

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WOS-Q2



Optik

Volume 294, December 2023, 171487





Original research article

Green Synthesis and the formation kinetics of silver nanoparticles in aqueous *Inula Viscosa* extract

Esra Zeybekoğlu Okka^{a b}, Timur Tongur^c, Taner Tarık Aytas^a, Mücahit Yılmaz^d,
Önder Topel^{c 1}, Ramazan Sahin^{a 1}  

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