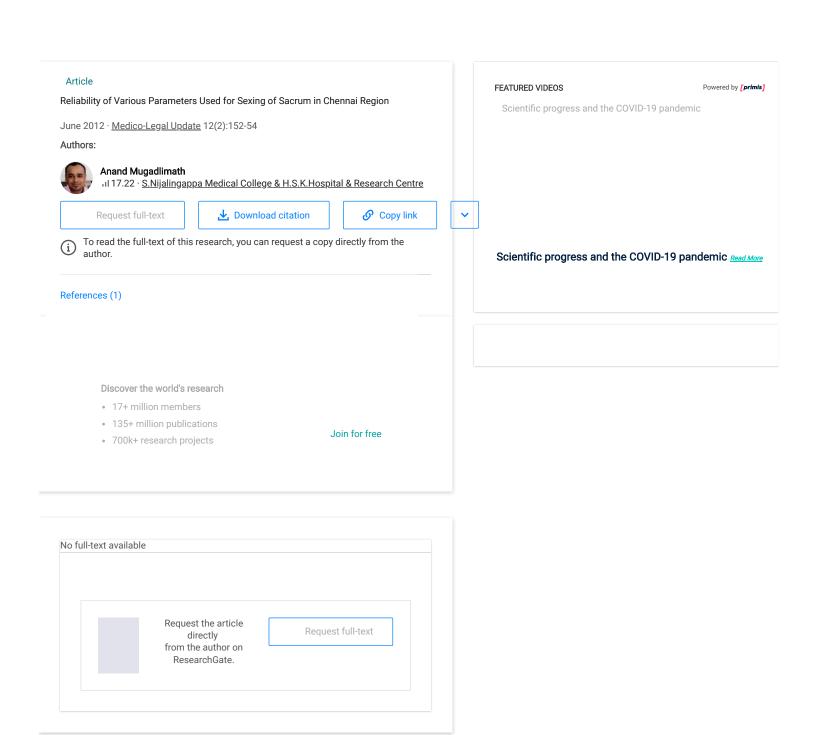
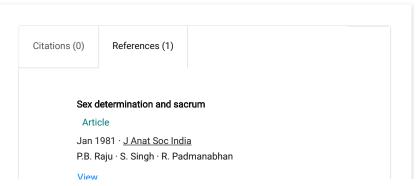
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Determination of parameters for historical British earthquakes

June 1996 · Annals of geophysics = Annali di geofisica

R. M. W. Musson

Examination of 20th century data from the U.K. shows a good correlation between felt area and instrumental magnitude, producing good magnitude values for historical earthquakes where felt area is known; this is a more reliable method than using I0. The equations: ML = 1.03 log A3:; -0.19; ML = 0.92 log A4 + 0.71 give magnitude from areas within isoseismals 3 and 4 MSK. Dcpths for historical ... [Show full abstract]

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### Article

Parameters of the 125Te compound state cascade gamma-decay

December 2005

V. Bondarenko · J. Honzátko · V. A. Khitrov · [...] · Vo Tomandl

Reliable information on level density and radiative strength functions for the excitation energy region with density of excited states more than 100 levels per 1 MeV and higher can be obtained now only by its model-free extraction from intensities of two-step cascades proceeding between compound states and few low-lying levels. Full model-free determination of these parameters in any method is ... [Show full abstract]

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## Article

Effect of tetrahedral shapes in heavy and superheavy nuclei

January 2017

P. Jachimowicz · M. Kowal · J. Skalski

We search for effects of tetrahedral deformation \$\beta\_{32}\$ over a range of \$\sim 3000\$ heavy and superheavy nuclei, \$82\leq Z \leq 126\$, using a microscopic-macroscopic model based on the deformed Woods-Saxon potential, well tested in the region. We look for the energy minima with a non-zero tetrahedral distortion, both absolute and conditional - with the quadrupole distortion constrained to ... [Show full abstract]

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## Chapter

The Martingale Approach and the L 2 Region

February 2017  $\cdot$  Lecture Notes in Mathematics -Springer-verlag-

Francis Comets

Martingale theory is well-known as a powerful tool to study random sequences. In this section, we start to use it in our context. First of all, it is efficient for proving that equality can hold in (2. 13). The simplest sufficient condition for equality is based on a second moment computation. The parameter region where second moment computations are reliable, will be called the L 2 region.

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### Article

Prediction of azeotropy for binary alloys in vacuum distillation

May 2019 · Vacuum

Dong Wang · Bin Yang · Baoqiang Xu · Hongwei Yang

Prediction of azeotropy for binary alloys in vacuum distillation is carried out based on the Wilson equation. The Cu-Sn, Pb-Bi, Pb-Sn, and Sb-Sn systems have been chosen to test the reliability of the method. For Cu-Sn and Pb-Bi alloys, the results show that the parameters A12 and A21 are located in the azeotropic region the azeotropic positions are obtained at 10 Pa and 1 Pa, respectively. For ... [Show full abstract]

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Truncated BFKL Series in Electron-Proton Collisions

May 2001

M.Beatriz Gay Ducati · Magno Valerio Machado

We study the contribution of the truncated BFKL series to the electroproduction process showing that a reliable description is obtained taking into account two orders in perturbation theory. Using the recent F2 logarithmic slope data as a constraint to the adustable parameters, the inclusive structure function is described in a wide range of the small x HERA kinematical region, consistent with ... [Show full abstract]

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Differentiation of craniometric and biometric characteristics of the European hare (Lepus europaeus)...

February 2012 · Sylwan

Marek Wajdzik · Andrzej Tomek · Tadeusz Kubacki

The aim of the study was to examine the major biometric parameters of the European hare (Lepus europaeus) occurring in the former Krakowskie Province and to investigate possible differences related to age and sex, as well as the place of culling (geographic region). The study was conducted on 224 carcasses of hares shot in group hunting in the years 1995-2008.

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The Determinant Parameters of Knowledge Transfer among Academicians in Colleges of Chennai Region

January 2019 · Theoretical Economics Letters

Mj Prem · Santosh Kumar Shrivastava

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# Article

Quantitative analysis of silver stained nucleolar organiser regions: a reliable marker of cell proli...

September 1995 · Clinical molecular pathology

D Trerè

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### Article

Recent experimental results in  $\Sigma$  hypernuclei

July 1998 · Nuclear Physics A

Reyad Sawafta

This paper reports on the status of narrow  $\Sigma$  hypernuclear states below and above  $\Sigma$  threshold. We have measured (K-, $\pi$ +/-) spectra from 4He, 6Li and 9Be at pK=600MeV/c with reasonable energy resolution and high statistics. The (K-, $\pi$ +/-) spectra from 6Li and 9Be show no evidence of any narrow structure above the  $\Sigma$  threshold, and hence rule out such previously claimed narrow states in this region. ... [Show full abstract]

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### Article

HII Region Detection in Local Group Census

August 2006

Evangelia Tremou · Dimitris Mislis · Dohn Seiradakis

We have detected several new HII regions in two Local Group galaxies (IC10 and Sex B). The hotstars method, was used to define the HII regions. We also present preliminary results about some physical parameters of these galaxies.

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#### Article

Evaluation of finite energy sum rules in non-forward directions

April 1970 · Physics Letters B

J. E. Bowcock · P. H. Ng

The contribution from the unphysical region to FESR is evaluated for  $\pi$ -N scattering both as a function of t and the order of the moment of the sum rule employed. It is concluded that only for a limited range of t and are stricted set of moments can this be reliably estimated and that as a consequence Regge parameters deduced from FESR are uncertain to a far greater extent than previously supposed.

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