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Theory

By Jungen Ch

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<http://www.sciencedirect.com/science/article/pii/000926148080621X>

Unified quantum- defect- theory treatment of -

Unified quantum-defect-theory Multichannel quantum-defect theory is extended (France)]; Ross, S.C. [Centre for Laser Applications and Molecular

<http://www.osti.gov/scitech/biblio/530947>

Ab initio molecular quantum defect theory: I -

Jungen Ch (ed) 1996 Molecular Applications of Quantum Defect Theory (Bristol: Institute of Physics Publishing) Jungen M 1981 J. Chem. Phys. 74 750

<http://iopscience.iop.org/0953-4075/37/15/004/refs>

Elements of Quantum Defect Theory - Handbook of -

Elements of Quantum Defect Theory. Ch. Jungen 1,2; The present article emphasizes the foundations of the theory, but a number of applications are also considered.

<http://onlinelibrary.wiley.com/doi/10.1002/9780470749593.chrs024/abstract>

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Molecular quantum defects for the NaNe system Application of this method to highly excited states is straightforward in principle once

<http://iopscience.iop.org/0022-3700/14/19/001/pdf/jbv14i19pL583.pdf>

Determination of the binding energies of the np -

Rydberg states of a heteronuclear diatomic molecule Ch. Jungen, Elements of quantum defect theory, in Multichannel quantum-defect theory

<http://scitation.aip.org/content/aip/journal/jcp/140/10/10.1063/1.4866809>

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Extended Coulomb approximation for multichannel- -

Extended Coulomb approximation for multichannel-quantum-defect-theory computations of dipole moments: Jungen, Ch.; Ross, S. C. Affiliation: AA

<http://adsabs.harvard.edu/abs/1998PhRvA..58.4462M>

Taylor & Francis Online :: Editorial: Christian -

Of Contents > Editorial: Christian Jungen Jungen, Ch. 1990. Quantum defect theory for Molecular Applications of Quantum Defect

<http://www.tandfonline.com/doi/full/10.1080/00268970701524457>

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<http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.387.8272>

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Title: Molecular applications of quantum defect theory: Authors: Jungen, Ch. Publication: Optics & Photonics News, Volume 9, Issue 10, October 1998, p.47

<http://adsabs.harvard.edu/abs/1998OptPN...9...47J>

Theory of Molecular Rydberg States (Cambridge -

Introducing readers to novel theoretical concepts, this book focuses on the application of quantum defect and ab initio theories to molecular Rydberg states. The main

<http://www.amazon.com/Theory-Molecular-Rydberg-Cambridge-Science/dp/0521769957>

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Arif, Ch. Jungen, and A. Roche

http://www.academia.edu/9733753/Molecular_polarizability_in_quantum_defect_theory_polar_molecules

Extension of the Quantum Defect Theory and Its -

Extension of the Quantum Defect Theory and Its Application
to Electron and Molecular Ion Collisions Hidekazu Takagi
Physics Laboratory, School of Medicine, Kitasato

http://link.springer.com/content/pdf/10.1007%2F978-1-4615-0083-4_17.pdf

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Defect Theory quantum defect theory:

<http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.262.4344>

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of quantum defect theory and its applications from the 1960
s to the present.

http://link.springer.com/chapter/10.1007/978-1-4613-3536-8_6

Structure and dynamics of the high gerade Rydberg -

Analysis of the Rydberg series by multichannel quantum
defect theory led Jungen , Ch . 1996. Molecular Applications
Molecular Applications of Quantum Defect

<http://www.tandfonline.com/doi/full/10.1080/00268970601146898>

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consequence of new experimental techniques in

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Electron diffraction with bound electrons: The -

Rydberg Fingerprint Spectroscopy The relevant theory to describe Rydberg states is the Quantum Defect Theory Ch. Jungen (Ed.), Molecular Applications of

<http://www.sciencedirect.com/science/article/pii/S0022286010001730>

Electron-impact excitation and recombination of -

The Multichannel Quantum Defect Theory Theory, Experiment and Applications, Paris, July 7-12, 2013, EPJ Web of Conferences 84 (2015). [2] Ch. Jungen,

http://www.icpig2015.net/Content/Posters/id325_Nicolina_POP.pdf

Theoretical progress and challenges in -

Theoretical progress and challenges in dissociative recombination. 1985 Molecular applications of quantum defect theory. Adv. Jungen Ch, Ross S.C; 2000

<http://rsta.royalsocietypublishing.org/content/364/1848/2965>

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Molecular Applications Of Quantum Defect Theory ; Author: Jungen Ch versatility and vast possibilities of the applications of the quantum defect

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<http://www.sciencedirect.com/science/article/pii/S0030401809011389>

Quantum Defect theory of the Dynamics of -

Quantum Defect theory of the Dynamics of Molecular Rydberg States. Jungen, Ch. (1997) Quantum Defect theory of the Dynamics of Molecular Rydberg quantum defects;

<http://onlinelibrary.wiley.com/doi/10.1002/9780470141601.ch26/summary>

Appendix C - Rotational frame transformations - -

M. S. Child, Semiclassical Mechanics with Molecular Applications [34] K. P. Huber, C. Jungen, K. Quantum Mechanics: Non-Relativistic Theory, 2nd

<http://ebooks.cambridge.org/chapter.jsf?bid=CBO9780511994814&cid=CBO9780511994814A061>

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The Rydberg spectrum of ArH and KrH: calculation -

calculation by R matrix and generalized quantum defect theory. Ch. Jungen, A. L. Discussion Meeting Issue Molecular Rydberg dynamics organized

<http://rsta.royalsocietypublishing.org/content/355/1729/1481>

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Quantum defect theory for asymmetric tops: application to H₂ O. M. S. Child and Ch. Jungen, Theory of Molecular Rydberg States

<http://research.chem.ox.ac.uk/mark-child.aspx>

Ch. Jungen -

Ch. Jungen, Physics. Quantum-defect theory of double-minimum states in H₂ Ab initio interpretation of Hund's rule for the methylene molecule:

<http://academic.research.microsoft.com/Author/55292117/ch-jungen>

Advances in atomic, molecular, and optical physics -

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<http://www.twirpx.com/files/physics/periodic/advances/>

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HIGHLY EXCITED MOLECULAR STATES: QUANTUM DEFECT THEORY AND AB INITIO THEORY: Creators: Jungen, Ch In the present contribution molecular examples will be

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