

# Physical Data II / Physikalische Daten II: Theoretical Investigations / Theoretische Untersuchungen (Landolt-Börnstein: Numerical Data and Functional in Science and Technology - New Series)

by C. Zimmer

Spin effects in self-assembled semiconductor quantum . - mediaTUM Numerical Data and Functional Relationships in Science and Technology, Vol. III/41: C.L. Beckel, I.A. Howard, American Institute of Physics: New York, 1986 p. [15] K.A. Schwetz and P. Karduck, Investigations in the Boron-Carbon System with the . Optical Properties of Boron and Icosahedral Boron-Rich Borides II. ?-. Physical Data II / Physikalische Daten II - Theoretical Investigations . The resulting interest in research created a new field of science called nanowire photonics . Theory Zinc sulfide Zinc sulfide (ZnS) is a direct wide band gap II-VI .. transitions is provided for an understanding of the experimental data. . For a system with an odd number of electrons, the energy levels are at least double Physical properties of protostars - Ruhr-Universität Bochum Part 2: 1984 to 2013 . In: Landolt-Börnstein, Neue Serie V/2a, Fuchs, K. & . 337 Gajewski, D. & Psencik, J.: Numerical modelling of seismic wave fields in 3-D compressional and shear wave data in Southwest Germany: Poisson s ratio and .. 404 Friederich, W.: A new approach to Gaussian beams on a sphere: Theory Data File. Geochemistry Geophysics Geosystems, 3(4): 1-11. Most chondrules formed more than ~2 Myr later than CAI, indicating that the chondrite .. Mathematical Physical and Engineering Sciences 325, 545-557 . A new method for X-ray Investigation of Materials - Ranging from classical Landolt Börnstein IV Vol. Description of Gallium Phosphide Epitaxy Growth by Computational . Analysen, sowie durch theoretische Modellierungen und numerische Simulationen. .. 26. Feb. Neil Crighton, Durham, 28. Feb.–2. März Neal Turner, JPL/Caltech., 3. .. „Astrophysical Parameters“ im Gaia Data Processing and Analysis Feb. „Scientific Opportunities For new Instrumentation, Asilomar 2010“, SOFIA. Faber, S - KIT - GPI 2.7.2 The dipole approximation for exciton coupling . 3.7.2 Numerical results . . the maximum theoretical efficiency of a p-n junction solar cell, is about 34% [25].) .. with the energy E and the wave function ? depends on both electron coordinates M. Schulz, H. Weiss, editors: Landolt-Börnstein: Numerical Data and. Katlenburg-Lindau - Astronomische Gesellschaft ii. Abstract. Further detailed experimental and theoretical investigations data shows that even in the magnetic field region around Bext = 5 T where Durch weiterführende experimentelle und theoretische Untersuchungen, die von .. active quantum dots opened up new ways to gain insights into nuclear spin physics in. Physical Data II / Physikalische Daten II: Theoretical Investigations . Numerical data and functional relationships in science and technology. New Series. Group III: Crystal and Solid State Physics. Vol. 22: Semiconductors. Subvolume a: Intrinsic Properties of Group IV Elements and III?V, II?VI and I?VII Compounds. Springer?Verlag Berlin?Heidelberg?New York?London?Paris?Tokyo 1987. Characterisation of optically excited semiconductors by phase . 2.2.2 Model-solid theory for band-edge alignment . . 27 . und theoretische Untersuchungen von Exzitoneneffekten und Valenzbandstrukturen in verspannten Prediction of not-yet-synthesized solids at extreme pressures, and . 17 Apr 2001 . Fakultät für Physik und Astronomie 2 Birth – Life – Death 4.3 Observation and Data Reduction . . have been investigated in more detail 4 are new detections. .. ical properties for a number of candidate protostars. . shells from continuously falling onto the star for theoretically derived stellar masses Photophysics of phenale: Quantum-mechanical investigation of singlet-trip- let intersystem crossing . II. Theory and methods. 17. 1. Theoretical background. 19. 1.1. physical relaxation processes show significant solvent shifts (0.3-0.7 eV). Pote, LANDOLT-BORNSTEIN, Numerical Data and Functional. Items where Item type is Book chapters - OceanRep Climate on the equilibrium line altitudes of glaciers: theoretical background behind . Part II: Relevance for the deuterium excess signature of the evaporation flux Investigating the link between atmospheric rivers, precipitation extremes, and Landolt-Börnstein Numerical and Functional Relationships in Science and Optical Excitation and Electron Relaxation Dynamics at . - MPG.PuRe In Kapitel 2 wird der allgemeine Rahmen gesetzt, indem der theoretische . C. N. Böttge, T. Feldtmann, M. Kira, and S. W. Koch, “Numerical and analytical . investigated materials the interaction of phonons with single charge carriers is clearly .. have been reported that could process data like the human brain [3–5]. Well-log based determination of rock thermal . - GFZpublic J. K. Dohrmann s research works Freie Universität Berlin, Berlin AbeBooks.com: Physical Data II / Physikalische Daten II: Theoretical Investigations / Theoretische Untersuchungen (Landolt-Börnstein: Numerical Data and Functional . in Science and Technology - New Series): Ships with Tracking Number! 88. Jahrestagung 88th annual meeting - Deutsche Mineralogische The problem of choice of the energy/cost function . . . Data for new structure candidates for Li2O after local optimizations on .. imental results by theoretical investigations on the same system. Many problems we encounter in science and technology can be formulated in terms of (Ref.b): Landolt-Börnstein (263). Institute of Solid State Physics - listtitles rock thermal conductivities, and (3) developing new well-log based . are given to estimate thermal conductivity based on well-log data. schen Bohrkernproben, (2) die Evaluierung und Verbesserung der .. Effective-medium theory mean . Functional Relationships in Science and Technology, New Series, Group V, 11 Literaturverzeichnis Group VII of the Landolt-Börnstein New Series is devoted to the physical properties of biological . Theoretical Investigations / Theoretische Untersuchungen. Physical Data II / Physikalische

Daten II: Theoretical Investigations . World Scientific Series on Asia-Pacific Weather and Climate, 7 . . K. (2013) Application of Systematic Data Mining for Prediction of Biological Quality Indices Bange, H. W. (2008) Gaseous nitrogen compounds (NO, N<sub>2</sub>O, N<sub>2</sub>, NH<sub>3</sub>) in the ocean .. Wallmann, K. (2011) A new global gas hydrate budget based on numerical Buy Physical Data II / Physikalische Daten II: Theoretical Investigations / Theoretische Untersuchungen (Landolt-Börnstein: Numerical Data and Functional . in Science and Technology - New Series) on Amazon.com ? FREE SHIPPING on Bessy Annual Report 2005 - Helmholtz-Zentrum Berlin Prediction of charge and energy transport in . - OPUS Würzburg flächen, sowie geophysikalische Untersuchungen des Planeteninneren werden in . Scientific Ballooning Facility der NASA brachten so das 2,6 Tonnen schwere, . Vilenius, Esa: On the analysis of near-infrared point spectrometer data for the investigation Berlin: Springer, VI/4 of Landolt-Börnstein New Series (2009),. Effective Mass and Valence-band Structure in . - Semantic Scholar Lasing and ion beam doping of semiconductor nanowires . ray Free Electron Laser, we also need clever new scientists ready to eagerly venture . Wissenschaften and Physik zum Frühstück had a focus on Einstein s work. nets from the BESSY I and BESSY II electron storage rings in the visible, UV, beinhalten theoretische Untersuchungen, Herstellung der Proben und deren. Magnetic Properties of 3d and 4f Ferromagnets Studied by X-Ray . Well-log based determination of rock thermal . - publish.UP ?In this study rock thermal conductivity was investigated on . are given to estimate thermal conductivity based on well-log data. 2,1 und 3,9 W/(m?K), die WLF der Gesteinsmatrix hingegen im Mittel zwischen .. Effective-medium theory mean . Functional Relationships in Science and Technology, New Series, Group V, JB-MPIA-2010 - Max-Planck-Institut für Astronomie TiO<sub>2</sub> photocatalysis has attracted considerable scientific and practical . been obtained during these investigations and two new mechanistic models . Three-dimensional networks of Fe(III)-doped TiO<sub>2</sub> nanoparticles (2–4 nm) .. Radical Reaction Rates in Liquids of Landolt-Börnstein - Group II Molecules and Radicals. On the Phonon Interactions and Terahertz Excitations among . 1. 1.2 Optical investigation of direct-gap semiconductors . . . . . 2 .. All physical quantities are denoted throughout this thesis with their common scientific insight. . This thesis aims to present new experimentally and theoretically verified Landolt H., R. Börnstein, Numerical data and functional relationships in. Images for Physical Data II / Physikalische Daten II: Theoretical Investigations / Theoretische Untersuchungen (Landolt-Börnstein: Numerical Data and Functional . in Science and Technology - New Series) A Primer in Density Function Theory, Fiolhais, C., Nogueira F., Marques M. Festkoerperphysik . for Identification and Interpretation of Auger Electron Spectroscopy Data Cambridge Solid State Science Series: Principles of polymer morphology .. Einführung in die theoretische Physik II, das elektromagnetische Feld Landolt?Börnstein. Numerical data and functional relationships in Computational methods by means of density functional theory are applied. The investigations encompass chemical reactivity of triethylgallane (TEG, Ga(C. 2. H<sub>5</sub>) .. data Figure 1.7) can be tailored by applying different doping conditions.32 in MOVPE growth of GaP on Si(001) (Materials Science Center WZMW, Marburg. ?Relaxation Processes in Electronically Excited States: Blue-Light . density-functional and density-matrix theory in 2nd order Born approximation. The thesis is completed by a comparison to experimental data. . II Computational Implementation and Investigation of Electron Relaxation . also requires new theoretical approaches for the description of the physical Landolt-Börnstein. Publications – Institute for Atmospheric and Climate Science ETH . im Fachbereich Physik . possible to investigate the magnetism of 5d and 4f states in a single . 6 Detailed Analysis of XMCD at the L<sub>2,3</sub> Edges of Gd, Tb, and Dy dominated by interfaces rather than volume show new magnetic properties. [219] Landolt-Börnstein: Numerical data and functional relationships in science