


[DOWNLOAD](#)


## Fundamentals of Quantum Chemistry (Paperback)

By J E House, James E House

Elsevier Science Publishing Co Inc, United States, 2003.  
 Paperback. Book Condition: New. 2nd Revised edition. 230 x 149 mm. Language: English . Brand New Book. An introduction to the principles of quantum mechanics needed in physical chemistry. Mathematical tools are presented and developed as needed and only basic calculus, chemistry, and physics is assumed. Applications include atomic and molecular structure, spectroscopy, alpha decay, tunneling, and superconductivity. New edition includes sections on perturbation theory, orbital symmetry of diatomic molecules, the Huckel MO method and Woodward/Hoffman rules as well as a new chapter on SCF and Hartree-Fock methods. \* This revised text clearly presents basic quantum mechanics for students in chemistry \* Separate sections treat needed mathematical techniques. Presents complete mathematical details of derivations. \* Contains applications of quantum mechanics to a broad range of problems in spectroscopy and molecular structure New in this Edition: \* A new chapter on molecular orbital calculations (extended H ckel and self-consistent field) \* A significant number of additional figures and improvements to existing figures \* New exercises, plus answers for selected problems \* Now includes the photoelectric effect, the perturbation treatment of the helium atom, orbital symmetry and chemical reactions, and molecular term symbols \*...



**READ ONLINE**  
 [ 8.1 MB ]

### Reviews

*An incredibly amazing ebook with perfect and lucid answers. It is writter in basic terms and never difficult to understand. Its been written in an exceptionally basic way and it is only right after i finished reading this ebook in which in fact modified me, affect the way i really believe.*

-- **Beverly Hoppe**

*Extremely helpful for all class of individuals. Better then never, though i am quite late in start reading this one. I realized this publication from my i and dad suggested this ebook to discover.*

-- **Adela Schroeder II**

## Other Kindle Books



### **A Parent's Guide to STEM (Paperback)**

U.S. News World Report, United States, 2015. Paperback. Book Condition: New. 214 x 149 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This lively, colorful guidebook provides everything you need to know to help your child get inspired, succeed...



### **Readers Clubhouse Set a Dan the Ant (Paperback)**

Barron's Educational Series, United States, 2006. Paperback. Book Condition: New. Karen Stormer Brooks (illustrator). 214 x 149 mm. Language: English . Brand New Book. This is volume one, Reading Level 1, in a comprehensive program (Reading Levels 1 and 2) for...



### **Ellie the Elephant: Short Stories, Games, Jokes, and More! (Paperback)**

Createspace, United States, 2015. Paperback. Book Condition: New. 214 x 149 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Are you looking for a kid's or children's book that is highly entertaining, great for early readers, and...



### **Happy Monsters: Stories, Jokes, Games, and More! (Paperback)**

Createspace, United States, 2015. Paperback. Book Condition: New. 214 x 149 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Are you looking for a kid's or children's book that is highly entertaining, great for early readers, and...



### **Peewee the Playful Puppy: Short Stories, Jokes, and Games! (Paperback)**

Createspace, United States, 2015. Paperback. Book Condition: New. 214 x 149 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Are you looking for a children's book that is highly entertaining, great for early readers, and is jam-packed with...



### **Meet Trouble: Slipcase (Paperback)**

Penguin Putnam Inc, United States, 2013. Paperback. Book Condition: New. 230 x 154 mm. Language: English . Brand New Book. A brand-new series for brand-new readers! Introducing a new series for brand-new readers! Each slipcase includes two 16-page paperback books, both on an...