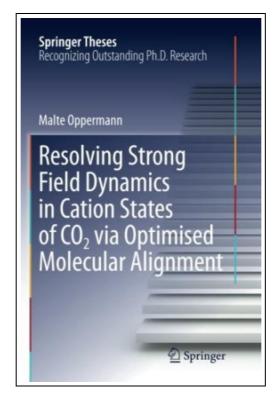
Resolving Strong Field Dynamics in Cation States of CO2 via Optimised Molecular Alignment (Springer Theses)



Filesize: 4.14 MB

Reviews

This book is really gripping and interesting. Of course, it is actually perform, still an interesting and amazing literature. You will not truly feel monotony at whenever you want of your time (that's what catalogues are for concerning when you request me). (Claud Schaden)

RESOLVING STRONG FIELD DYNAMICS IN CATION STATES OF CO2 VIA OPTIMISED MOLECULAR ALIGNMENT (SPRINGER THESES)



Springer. Paperback. Condition: New. 205 pages. This thesis presents an experimental study of the ultrafast molecular dynamics of CO2 that are induced by a strong, near-infrared, femtosecond laser pulse. In particular, typical strong field phenomena such as tunneling ionisation, nonsequential double ionisation and photo-induced dissociation are investigated and controlled by employing an experimental technique called impulsive molecular alignment. Here, a first laser pulse fixes the molecule in space, such that the molecular dynamics can be studied as a function of the molecular geometry with a second laser pulse. The experiments are placed within the context of the study and control of ultrafast molecular dynamics, where sub-femtosecond (10-15 seconds) resolution in ever larger molecular systems represents the current frontier of research. The thesis presents the required background in strong field and molecular physics, femtosecond laser architecture and experimental techniques in a clear and accessible language that does not require any previous knowledge in these fields. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.

- Read Resolving Strong Field Dynamics in Cation States of CO2 via Optimised Molecular Alignment (Springer Theses)
 Online
- Download PDF Resolving Strong Field Dynamics in Cation States of CO2 via Optimised Molecular Alignment (Springer Theses)

Other Books



Violin Concerto, Op.53 / B.108: Study Score

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book
***** Print on Demand ******.Commissioned by the eminent violinist Joseph Joachim after a Berlin meeting...

Save PDF »



Children's Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

 $Createspace, United States, 2013. \ Paperback. \ Book Condition: New. 254 x 178 \ mm. \ Language: English \ . \ Brand \ New Book ***** Print on Demand *****. ABOUT SMART READS for Kids \ . Love Art, Love Learning Welcome. Designed to...$

Save PDF »



Children's Educational Book Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]

Createspace, United States, 2013. Paperback. Book Condition: New. 248 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****. ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

Save PDF »



Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner's Crochet Guide with Pictures)

 $Create space, United States, 2015. \ Paperback. \ Book \ Condition: New. \ 229 \times 152 \ mm. \ Language: English. \ Brand \ New \ Book \ ***** \ Print on Demand \ *****. \ Getting \ Your \ FREE Bonus \ Download \ this \ book, \ read \ it to \ the \ end \ and...$

Save PDF »



Study and Master English Grade 6 Core Reader: First Additional Language

Cambridge University Press (South Africa). Paperback. Book Condition: new. BRAND NEW, Study and Master English Grade 6 Core Reader: First Additional Language, Karen Morrison, Fiona Macgregor, Daphne Paizee, Study & Master English First Additional Language...

Save PDF »