Optical Control of Molecular Dynamics. Baker Lecture Series

Description: Advances in laser technology over the last 10–15 years have stimulated study of the active control of quantum molecular dynamics. Lasers may be used to generate external fields of varying intensity, phases, and spectral content, which then are used to alter the molecular dynamics of a system so as to generate more of a particular product. Control of reactions at this microscopic level is one of the hot areas of research in chemical physics. This book describes the current status of the theory of optical control of molecular dynamics.

Contents:
- How Much Control is Attainable?
- Pulse Timing Control of Molecular Dynamics.
- Multiple–Path Interference Control of Molecular Dynamics.
- STIRAP Control of Molecular Dynamics.
- Optimal Field Control of Molecular Dynamics I.
- Optimal Field Control of Molecular Dynamics II.
- Generic Aspects of the Control of Dynamics.
- Reduced Space Analyses.
- Some Other Control Methods.
- End Notes.
- Appendices.
- Indexes.

Ordering:
- Order Online - http://www.researchandmarkets.com/reports/2181104/
- Order by Fax - using the form below
- Order by Post - print the order form below and send to
  Research and Markets,
  Guinness Centre,
  Taylors Lane,
  Dublin 8,
  Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct.

Product Name: Optical Control of Molecular Dynamics. Baker Lecture Series
Web Address: http://www.researchandmarkets.com/reports/2181104/
Office Code: SCH3VB6R

Product Format
Please select the product format and quantity you require:

Quantity
Hard Copy (Hard Back): □ USD 199 + USD 29 Shipping/Handling

* Shipping/Handling is only charged once per order.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: □ Mr □ Mrs □ Dr □ Miss □ Ms □ Prof
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World