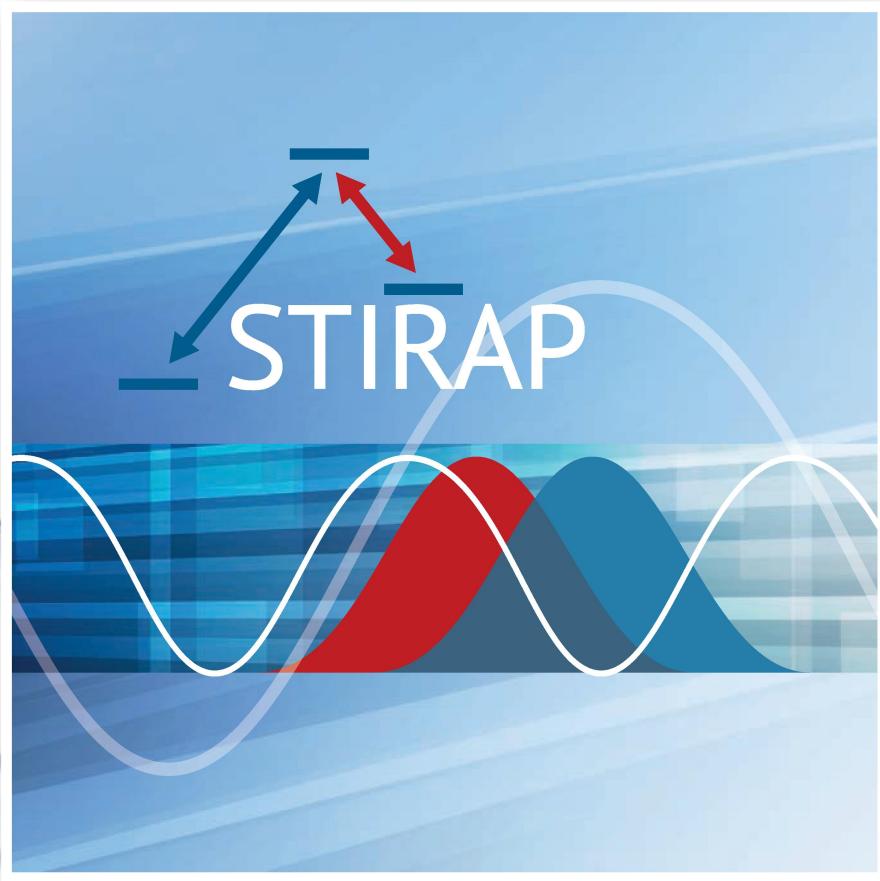


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Volume 142 Number 17

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Perspective: Stimulated Raman adiabatic passage: The status after 25 years

Klaas Bergmann, Nikolay V. Vitanov and Bruce W. Shore

J. Chem. Phys. **142**, 170901 (2015); <http://dx.doi.org/10.1063/1.4916903>

COMMUNICATIONS

Communication: Salt-induced water orientation at a surface of non-ionic surfactant in relation to a mechanism of Hofmeister effect

Mafumi Hishida, Yohei Kaneko, Masanari Okuno, Yasuhisa Yamamura, Taka-aki Ishibashi and Kazuya Saito

J. Chem. Phys. **142**, 171101 (2015); <http://dx.doi.org/10.1063/1.4919664>

Communication: Does a single CH_3CN molecule attached to $\text{Ru}(\text{bipy})_3^{2+}$ affect its absorption spectrum?

M. H. Stockett and S. Brondsted Nielsen

J. Chem. Phys. **142**, 171102 (2015); <http://dx.doi.org/10.1063/1.4919781>

Communication: Tolman length and rigidity constants of water and their role in nucleation

Øivind Wilhelmsen, Dick Bedeaux and David Reguera

J. Chem. Phys. **142**, 171103 (2015); <http://dx.doi.org/10.1063/1.4919689>

Communication: Nucleation of water on ice nanograins: Size, charge, and quantum effects

Mathieu Marciante and Florent Calvo

J. Chem. Phys. **142**, 171104 (2015); <http://dx.doi.org/10.1063/1.4919665>

Communication: Intraparticle segregation of structurally homogeneous polyelectrolyte microgels caused by long-range Coulomb repulsion

Artem M. Rumyantsev, Andrey A. Rudov and Igor I. Potemkin

J. Chem. Phys. **142**, 171105 (2015); <http://dx.doi.org/10.1063/1.4919951>

ARTICLES

Theoretical Methods and Algorithms

Origin invariance in vibrational resonance Raman optical activity

Luciano N. Vidal, Franco Egidi, Vincenzo Barone and Chiara Cappelli

J. Chem. Phys. **142**, 174101 (2015); <http://dx.doi.org/10.1063/1.4918935>

Semiclassical multi-phonon theory for atom-surface scattering: Application to the Cu(111) system

Shauli Daon and Eli Pollak

J. Chem. Phys. **142**, 174102 (2015); <http://dx.doi.org/10.1063/1.4919345>

A new approach to calculate charge carrier transport mobility in organic molecular crystals from imaginary time path integral simulations

Linze Song and Qiang Shi

J. Chem. Phys. **142**, 174103 (2015); <http://dx.doi.org/10.1063/1.4919061>

Theory of single molecule emission spectroscopy

Golan Bel and Frank L. H. Brown

J. Chem. Phys. **142**, 174104 (2015); <http://dx.doi.org/10.1063/1.4918709>

High-order sampling schemes for path integrals and Gaussian chain simulations of polymers

Martin H. Müser and Marcus Müller

J. Chem. Phys. **142**, 174105 (2015); <http://dx.doi.org/10.1063/1.4919311>

Finding mechanochemical pathways and barriers without transition state search

Stanislav M. Avdoshenko and Dmitrii E. Makarov

J. Chem. Phys. **142**, 174106 (2015); <http://dx.doi.org/10.1063/1.4919541>

Understanding nuclear motions in molecules: Derivation of Eckart frame ro-vibrational Hamiltonian operators via a gateway Hamiltonian operator

Viktor Szalay

J. Chem. Phys. **142**, 174107 (2015); <http://dx.doi.org/10.1063/1.4919606>

Identification of two-step chemical mechanisms using small temperature oscillations and a single tagged species

F. Closa, C. Gosse, L. Jullien and A. Lemarchand

J. Chem. Phys. **142**, 174108 (2015); <http://dx.doi.org/10.1063/1.4919632>

Advanced Experimental Techniques

Determining the static electronic and vibrational energy correlations via two-dimensional electronic-vibrational spectroscopy

Hui Dong, Nicholas H. C. Lewis, Thomas A. A. Oliver and Graham R. Fleming

J. Chem. Phys. **142**, 174201 (2015); <http://dx.doi.org/10.1063/1.4919684>

Measuring correlated electronic and vibrational spectral dynamics using line shapes in two-dimensional electronic-vibrational spectroscopy

Nicholas H. C. Lewis, Hui Dong, Thomas A. A. Oliver and Graham R. Fleming

J. Chem. Phys. **142**, 174202 (2015); <http://dx.doi.org/10.1063/1.4919686>

Atoms, Molecules, and Clusters

Potential energy surface of the CO₂-N₂ van der Waals complex

Sameh Nasri, Yosra Ajili, Nejm-Eddine Jaidane, Yulia N. Kalugina, Philippe Halvick, Thierry Stoecklin and Majdi Hochlaf

J. Chem. Phys. **142**, 174301 (2015); <http://dx.doi.org/10.1063/1.4919396>

BH₂ revisited: New, extensive measurements of laser-induced fluorescence transitions and ab initio calculations of near-spectroscopic accuracy

Fumie X. Sunahori, Mohammed Gharaibeh, Dennis J. Clouthier and Riccardo Tarroni

J. Chem. Phys. **142**, 174302 (2015); <http://dx.doi.org/10.1063/1.4919094>

Temperature dependence of the cross section for the fragmentation of thymine via dissociative electron attachment

Janina Kopyra and Hassan Abdoul-Carime

J. Chem. Phys. **142**, 174303 (2015); <http://dx.doi.org/10.1063/1.4919638>

Collision-induced Raman scattering by rare-gas atoms: The isotropic spectrum of Ne–Ne and its mean polarizability

Florent Rachet, Sophie Dixneuf and Michael Chrysos

J. Chem. Phys. **142**, 174304 (2015); <http://dx.doi.org/10.1063/1.4919639>

Photodissociation resonances of jet-cooled NO₂ at the dissociation threshold by CW-CRDS

Patrick Dupré

J. Chem. Phys. **142**, 174305 (2015); <http://dx.doi.org/10.1063/1.4919093>

Underlying theory of a model for the Renner–Teller effect in tetra-atomic molecules: X²Π u electronic state of C₂H₂⁺

M. Perić, S. Jerosimić, M. Mitić, M. Milovanović and R. Ranković

J. Chem. Phys. **142**, 174306 (2015); <http://dx.doi.org/10.1063/1.4919285>

Direct non-Born–Oppenheimer variational calculations of all bound vibrational states corresponding to the first rotational excitation of D₂ performed with explicitly correlated all-particle Gaussian functions

Keeper L. Sharkey, Nikita Kirnosov and Ludwik Adamowicz

J. Chem. Phys. **142**, 174307 (2015); <http://dx.doi.org/10.1063/1.4919417>

Electron attachment to the phthalide molecule

N. L. Asfandiarov, S. A. Pshenichnyuk, A. S. Vorob'ev, E. P. Nafikova, A. N. Lachinov, V. A. Kraikin and A. Modelli

J. Chem. Phys. **142**, 174308 (2015); <http://dx.doi.org/10.1063/1.4919631>

Mode specificity in bond selective reactions $F + HOD \rightarrow HF + OD$ and $DF + OH$

Hongwei Song and Hua Guo

J. Chem. Phys. **142**, 174309 (2015); <http://dx.doi.org/10.1063/1.4919666>

Infrared spectroscopy of Mg–CO₂ and Al–CO₂ complexes in helium nanodroplets

Brandon J. Thomas, Barbara A. Harruff-Miller, Christopher E. Bunker and William K. Lewis

J. Chem. Phys. **142**, 174310 (2015); <http://dx.doi.org/10.1063/1.4919693>

Quantum dynamics of $^{16}O + ^{36}O_2$ and $^{18}O + ^{32}O_2$ exchange reactions

T. Rajagopala Rao, G. Guillou, S. Mahapatra and P. Honvault

J. Chem. Phys. **142**, 174311 (2015); <http://dx.doi.org/10.1063/1.4919860>

Kinetic isotope effect of the $^{16}O + ^{36}O_2$ and $^{18}O + ^{32}O_2$ isotope exchange reactions: Dominant role of reactive resonances revealed by an accurate time-dependent quantum wavepacket study

Zhigang Sun, Dequan Yu, Wenbo Xie, Jiayi Hou, Richard Dawes and Hua Guo

J. Chem. Phys. **142**, 174312 (2015); <http://dx.doi.org/10.1063/1.4919861>

High-resolution (e , $2e + ion$) study of electron-impact ionization and fragmentation of methane

Xueguang Ren, Thomas Pflüger, Marvin Weyland, Woon Yong Baek, Hans Rabus, Joachim Ullrich and Alexander Dorn

J. Chem. Phys. **142**, 174313 (2015); <http://dx.doi.org/10.1063/1.4919691>

Liquids, Glasses, and Crystals

Thermodynamic scaling of the shear viscosity of Mie n-6 fluids and their binary mixtures

Stephanie Delage-Santacreu, Guillaume Galliero, Hai Hoang, Jean-Patrick Bazile, Christian Boned and Josefa Fernandez

J. Chem. Phys. **142**, 174501 (2015); <http://dx.doi.org/10.1063/1.4919296>

A molecular dynamics study of intramolecular proton transfer reaction of malonaldehyde in solution based upon a mixed quantum-classical approximation. II. Proton transfer reaction in non-polar solvent

H. Kojima, A. Yamada and S. Okazaki

J. Chem. Phys. **142**, 174502 (2015); <http://dx.doi.org/10.1063/1.4919635>

Relaxation dynamics in a transient network fluid with competing gel and glass phases

Pinaki Chaudhuri, Pablo I. Hurtado, Ludovic Berthier and Walter Kob

J. Chem. Phys. **142**, 174503 (2015); <http://dx.doi.org/10.1063/1.4919645>

Surfaces, Interfaces, and Materials

Confinement of two-dimensional rods in slit pores and square cavities

Thomas Geigenfeind, Sebastian Rosenzweig, Matthias Schmidt and Daniel de las Heras

J. Chem. Phys. **142**, 174701 (2015); <http://dx.doi.org/10.1063/1.4919307>

Lattice dynamics and chemical bonding in Sb₂Te₃ from first-principles calculations

Bao-Tian Wang, Petros Souvatzis, Olle Eriksson and Ping Zhang

J. Chem. Phys. **142**, 174702 (2015); <http://dx.doi.org/10.1063/1.4919683>

First principles-based multiparadigm, multiscale strategy for simulating complex materials processes with applications to amorphous SiC films

Saber Naserifar, William A. Goddard III, Theodore T. Tsotsis and Muhammad Sahimi

J. Chem. Phys. **142**, 174703 (2015); <http://dx.doi.org/10.1063/1.4919797>

Influence of ion pairing in ionic liquids on electrical double layer structures and surface force using classical density functional approach

Ke Ma, Jan Forsman and Clifford E. Woodward

J. Chem. Phys. **142**, 174704 (2015); <http://dx.doi.org/10.1063/1.4919314>

Polymers and Soft Matter

A new equation of state of a flexible-chain polyelectrolyte solution: Phase equilibria and osmotic pressure in the salt-free case

Yu. A. Budkov, A. L. Kolesnikov, N. Georgi, E. A. Nogovitsyn and M. G. Kiselev

J. Chem. Phys. **142**, 174901 (2015); <http://dx.doi.org/10.1063/1.4919251>

Heat capacity anomaly in a self-aggregating system: Triblock copolymer 17R4 in water

Lorenzo V. Dumancas, David E. Simpson and D. T. Jacobs

J. Chem. Phys. **142**, 174902 (2015); <http://dx.doi.org/10.1063/1.4919633>

Polymer translocation into and out of an ellipsoidal cavity

James M. Polson

J. Chem. Phys. **142**, 174903 (2015); <http://dx.doi.org/10.1063/1.4919642>

Entropic attraction: Polymer compaction and expansion induced by nano-particles in confinement

Guo-Jun Liao, Fan-Tso Chien, Dmytro Luzhbin and Yeng-Long Chen

J. Chem. Phys. **142**, 174904 (2015); <http://dx.doi.org/10.1063/1.4919650>

Extended law of corresponding states for protein solutions

Florian Platten, Néstor E. Valadez-Pérez, Ramón Castañeda-Priego and Stefan U. Egelhaaf

J. Chem. Phys. **142**, 174905 (2015); <http://dx.doi.org/10.1063/1.4919127>

Effect of excluded volume on the rheology and transport dynamics of randomly hyperbranched polymers

Gobind Ji Rai, Amit Kumar and Parbati Biswas

J. Chem. Phys. **142**, 174906 (2015); <http://dx.doi.org/10.1063/1.4919643>

Volume phase transitions of cholesteric liquid crystalline gels

Akihiko Matsuyama

J. Chem. Phys. **142**, 174907 (2015); <http://dx.doi.org/10.1063/1.4919651>

Probing the cross-effect of strains in non-linear elasticity of nearly regular polymer networks by pure shear deformation

Takuya Katashima, Kenji Urayama, Ung-il Chung and Takamasa Sakai

J. Chem. Phys. **142**, 174908 (2015); <http://dx.doi.org/10.1063/1.4919653>

Binding kinetics of lock and key colloids

Laura Colón-Meléndez, Daniel J. Beltran-Villegas, Greg van Anders, Jun Liu, Matthew Spellings, Stefano Sacanna, David J. Pine, Sharon C. Glotzer, Ronald G. Larson and Michael J. Solomon

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On the rupture of DNA molecule

R. K. Mishra, T. Modi, D. Giri and S. Kumar

J. Chem. Phys. **142**, 174910 (2015); <http://dx.doi.org/10.1063/1.4919646>

A molecular dynamics investigation of the planar elongational rheology of chemically identical dendrimer-linear polymer blends

Elnaz Hajizadeh, B. D. Todd and P. J. Daivis

J. Chem. Phys. **142**, 174911 (2015); <http://dx.doi.org/10.1063/1.4919654>

Biological Molecules and Networks

An accurate and efficient computation method of the hydration free energy of a large, complex molecule

Takashi Yoshidome, Toru Ekimoto, Nobuyuki Matubayasi, Yuichi Harano, Masahiro

Kinoshita and Mitsunori Ikeguchi

J. Chem. Phys. **142**, 175101 (2015); <http://dx.doi.org/10.1063/1.4919636>

Nitrogen K-edge x-ray absorption near edge structure of pyrimidine-containing nucleotides in aqueous solution

Hiroyuki Shimada, Hirotake Minami, Naoto Okuzumi, Ichiro Sakuma, Masatoshi Ukai, Kentaro

Fujii, Akinari Yokoya, Yoshihiro Fukuda and Yuji Saitoh

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