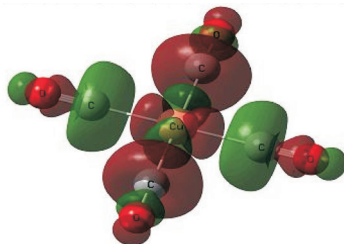
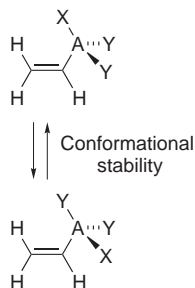


*Collect. Czech. Chem. Commun.***2007, 72, 1–14****Photoelectron Spectroscopy on Small Anionic Copper-Carbonyl Clusters**Jörg Stanzel, Emad F. Aziz,  
Matthias Neeb, Wolfgang Eberhardt*Collect. Czech. Chem. Commun.***2007, 72, 15–50****Comparison of the Conformational Stability for Several Vinylhalomethanes and Silanes with Experiment Using MP2 Perturbation Theory and DFT**

Wolfgang Förner and Hassan M. Badawi

*Collect. Czech. Chem. Commun.***2007, 72, 51–63****An Operational Definition of Relative Hardness**Peter Politzer, Jane S. Murray,  
Monica C. Concha and Ping Jin

$$\eta^{\text{rel}} = \left[ \frac{\bar{I}_{\text{S,ave}}}{V} \right]^{1/3}$$

*Collect. Czech. Chem. Commun.***2007, 72, 64–82****The Nuclear Quadrupole Moment of  $^{14}\text{N}$  from Accurate Electric Field Gradient Calculations and Microwave Spectra of NP Molecule**

Vladimir Kellö and Andrzej J. Sadlej

NP molecule

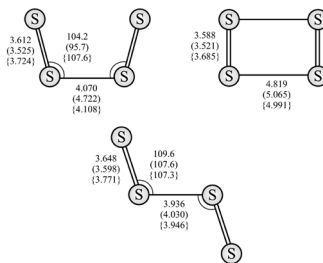
$$Q(^{14}\text{N}) = 20.46 \text{ mb}$$

*Collect. Czech. Chem. Commun.*

2007, 72, 83–99

### On the Electronic States of $S_4^+$ and $S_4^-$ Isomers

Hanka Sormova, Roberto Linguerri,  
Pavel Rosmus, Jürgen Fabian and  
Najia Komiha



*Collect. Czech. Chem. Commun.*

2007, 72, 100–120

### Correction for Triples in Reduced Multireference Coupled-Cluster Approaches

Josef Paldus and Xiangzhu Li

$$E_{\text{RMR-CCSD(T)}} = E_{\text{RMR-CCSD}} + \sum_{i \in \Omega_3} e(i)$$

*Collect. Czech. Chem. Commun.*

2007, 72, 121–128

### Optical Properties of Gold Nanoparticles Produced by the Assembly of Size-Selected Clusters: Covering the Full Visible Wavelength Range in the Smallest Particle Size Regime

Stefan Vajda, Gary P. Wiederrecht,  
Alexandre Bouhelier, George Y. Tikhonov,  
Nancy Tomczyk, Byeongdu Lee, Sönke Seifert and Randall E. Winans

