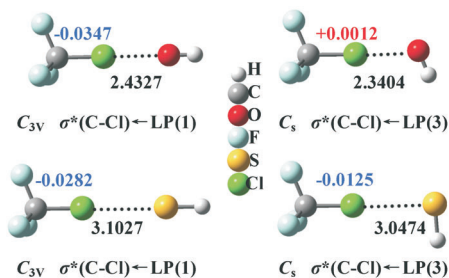


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2010, 75, 243–256

### The Nature of the Bond-Length Change Upon Molecule Complexation

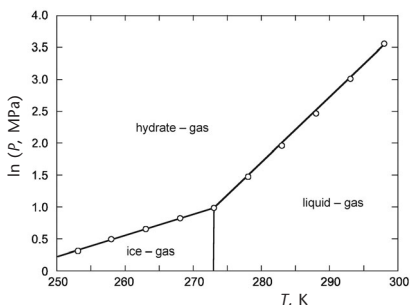
Weizhou Wang, Yu Zhang and  
Baoming Ji



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2010, 75, 257–274

### Calculation of Water Content in Water–Methane System

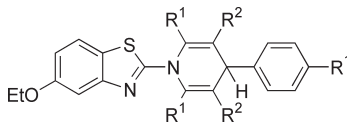
Petr Voňka, Monika Hubková and  
Vít Meistr



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2010, 75, 275–287

### Microwave Synthesis of New Biologically Important 1,4-Dihydropyridines Containing Benzothiazole Moiety

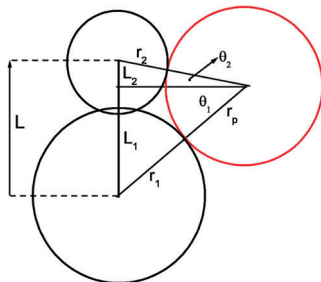
Mithlesh, Pawan K. Pareek,  
Hemraj Chippa, Ravikant and  
Krishan G. Ojha



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2010, 75, 289–302

### Distribution Functions of the Hard Heteronuclear Dumbbells and of Their Mixtures with Hard Spheres Near a Hard Wall

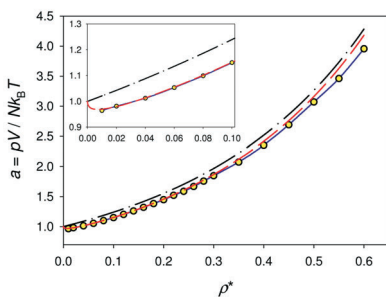
Tomáš Boublík



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2010, 75, 303–312

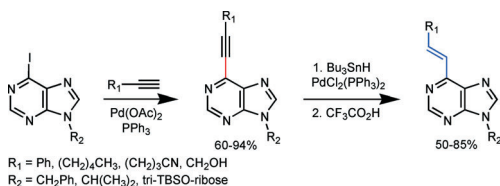
**A Mean Spherical Approximation Study of the Capacitance of an Electric Double Layer Formed by a High Density Electrolyte**

Douglas Henderson, Stanisław Lamperski,  
Christopher W. Outhwaite and  
Lutful Bari Bhuiyan



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2010, 75, 313–332

**Synthesis of (*E*)-6-Alkenylpurines via Pd-Catalyzed Stannation/Protodestannation Tandem Process of Alkynylpurines**

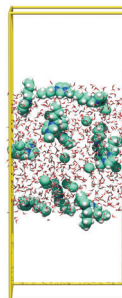


Martin Klečka, Martin Křováček,  
Tomáš Tobrman and Dalimil Dvořák

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2010, 75, 333–348

**Molecular Dynamics Simulations of Aqueous Solutions of Ionic Liquids**

Karel Matas and Jiří Kolafa



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2010, 75, 349–358

**Primitive Models of Patchy Colloidal Particles. A Review**

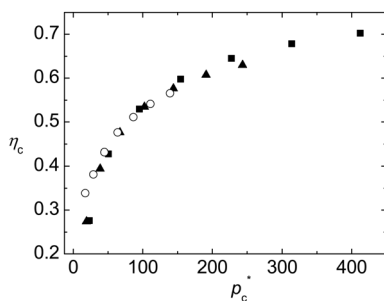
Francesco Sciortino

- Phase behavior
- Patchy colloidal particles

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2010, 75, 359–369

**Critical Consolute Point in Hard-Sphere Binary Mixtures: Effect of the Value of the Eighth and Higher Virial Coefficients on Its Location**

Mariano López De Haro, Anatol Malijeviský and Stanislav Labík



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2010, 75, 371–381

**Alternative Synthesis of 9-[3-[(Diisopropoxyphosphoryl)methoxy]-2-hydroxypropyl]adenine and Its Free Phosphonates Substituted at the C-8 Position of Purine Base**

Zlatko Janeba, Milena Masojídková and Antonín Holý

