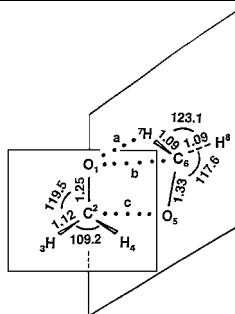


Collect. Czech. Chem. Commun.  
62, 147–153 (1997)

### Is a Gas-Phase Cannizzaro-Type Reaction Perspective?

Libuse Sroubkova, Vaclav Horak  
and Rudolf Zahradnik



Collect. Czech. Chem. Commun.  
62, 154–171 (1997)

### Convergence Properties of Quasiclassical Trajectory Calculations on Dynamics of Autoionization Event in He(2<sup>3</sup>S)-D<sub>2</sub> Penning Ionization

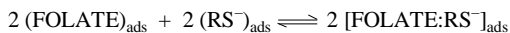
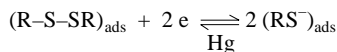
Jan Vojtik and Richard Kotal

$$P(R_i, \gamma_i) = \frac{\sum_{v''=0} \Gamma(v'', v'; R_i, \gamma_i)}{\hbar} \Delta t_i$$

Collect. Czech. Chem. Commun.  
62, 172–184 (1997)

### Heterogeneous Physico-Chemical Interactions Following Electrode Reaction: Interaction of Folates with Thiols

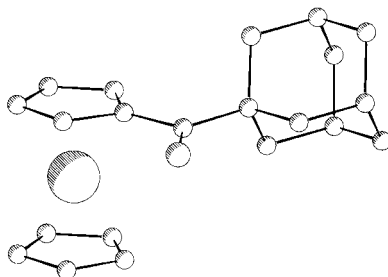
Michael Heyrovsky and Barbora Prokopova



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62, 185–198 (1997)

### Hydrophobic Ferrocene Derivatives as Potential Standards In Electrochemistry

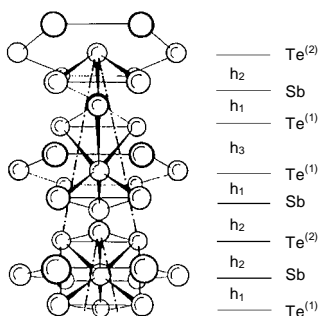
Jaroslav Podlaha, Petr Stepnicka, Robert Gyepes,  
Vladimir Marecek, Alexander Lhotsky,  
Miroslav Polasek, Jiri Kubista  
and Martin Nejezchleba



Collect. Czech. Chem. Commun.  
62, 199–212 (1997)

**X-Ray Photoelectron Spectroscopic (XPS)  
Studies of Clean and Ion Beam Bombarded  
 $\text{Sb}_2\text{Te}_2\text{Se}$  and  $(\text{Bi}_{0.7}\text{Sb}_{0.3})_2\text{Se}_{3.0}$  (111) Surfaces**

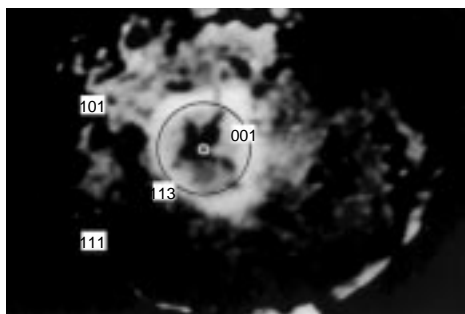
Zdenek Bastl, Iona Spirova  
and Michaela Janovska



Collect. Czech. Chem. Commun.  
62, 213–217 (1997)

**FEM and FIM Study of Reaction Zones  
on Platinum**

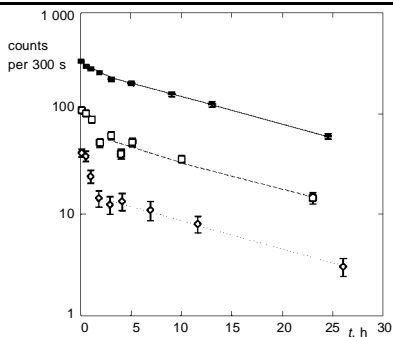
Zlatko Knor, Jan Plsek  
and Lubos Dvorak



Collect. Czech. Chem. Commun.  
62, 218–222 (1997)

**Decay Characteristics of Electrostatically  
Collected Samples of Radon Daughters**

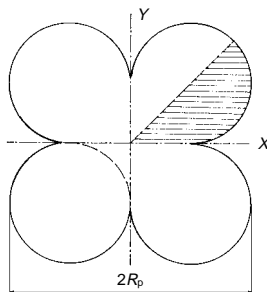
Cestmir Jech, Zdenek Janout, Jan Konicek,  
Jiri Kubasta, Stanislav Pospisil  
and Miloslav Vobecky



Collect. Czech. Chem. Commun.  
62, 223–237 (1997)

**Effectiveness of Catalyst Extrudate of Tetralobed  
Cross Section Under Conditions of Influence  
of Internal Diffusion**

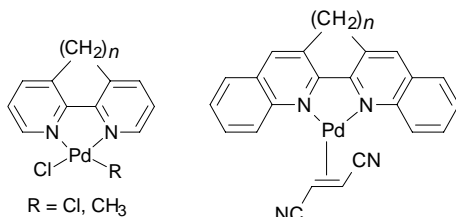
Jan Martinec and Jiri Hanika



Collect. Czech. Chem. Commun.  
62, 238–256 (1997)

**Synthesis and Characterization of Palladium Complexes Containing 3,3'-Annulated 2,2'-Bipyridines and 3,3'-Annulated 2,2'-Biquinolines**

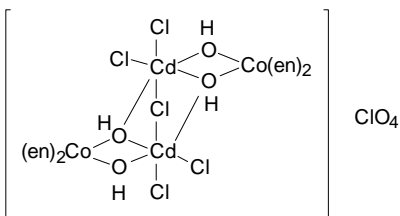
Rene A. Klein, Ruud Van Belzen, Kees Vrieze,  
Cornelis J. Elsevier, Randolph P. Thummel,  
Jan Fraanje and Kees Goubitz



Collect. Czech. Chem. Commun.  
62, 257–264 (1997)

**Polynuclear Cadmium Compounds Containing *cis*-[Co(en)<sub>2</sub>(OH)<sub>2</sub>]<sup>+</sup> Ligands**

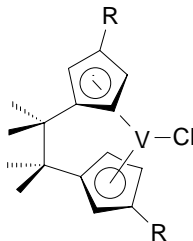
Susanne Müller and Ulf Thewalt



Collect. Czech. Chem. Commun.  
62, 265–278 (1997)

***ansa*-Vanadocene Complexes – Syntheses, Structures and Ligand Exchange Reactions**

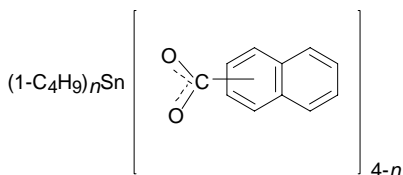
Birgit Dorer, Marc-Heinrich Prosenc,  
Ursula Rief and Hans-Herbert Brintzinger



Collect. Czech. Chem. Commun.  
62, 279–298 (1997)

**Synthesis and Infrared and <sup>1</sup>H, <sup>13</sup>C, <sup>119</sup>Sn NMR Spectra of Some Tris- and Bis(1-butyl)tin(IV) Naphthoates and Hydroxynaphthoates**

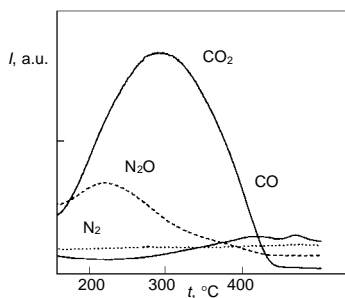
Jaroslav Holecek, Milan Nadvornik,  
Karel Handlir, Vladimír Pejchal,  
Radovan Vitek and Antonín Lyčka



Collect. Czech. Chem. Commun.  
62, 299–308 (1997)

### $N_2O$ in NO Reduction by CO Over Pt/NaX Zeolite

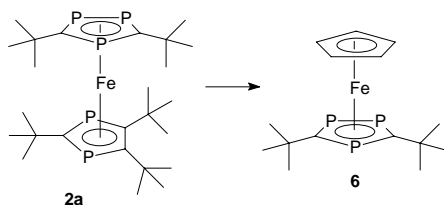
Jana Novakova and Ludmila Kubelkova



Collect. Czech. Chem. Commun.  
62, 309–317 (1997)

### A Specific $\pi$ -Ligand Transfer Reaction via Triple-Decker Sandwich Complex Intermediates

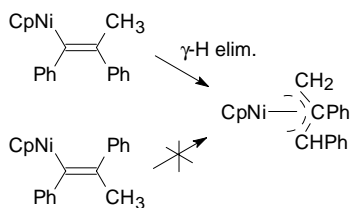
Dieter Böhm, Frank Heinemann, Dongqi Hu,  
Susanne Kummer and Ulrich Zenneck



Collect. Czech. Chem. Commun.  
62, 318–324 (1997)

### Stereochemical Factors of $\gamma$ -H Elimination in Cyclopentadienylvinylnickel Compounds

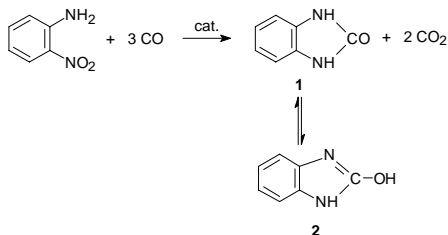
Antoni Pietrzykowski, Stanislaw Pasynkiewicz  
and Piotr Buchalski



Collect. Czech. Chem. Commun.  
62, 325–330 (1997)

### Intramolecular Reductive Carbonylation of *o*-Nitroaniline by Carbon Monoxide to 2(3*H*)-Benzimidazolone

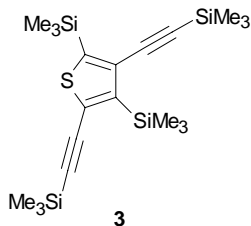
Vendelin Macho, Milan Kralik  
and Eva Bojsova



Collect. Czech. Chem. Commun.  
62, 331–336 (1997)

**Some Reactions of the Products of Reactions  
of 1,4-Bis(trimethylsilyl)-1,3-butadiyne  
with Titanocene and Zirconocene**

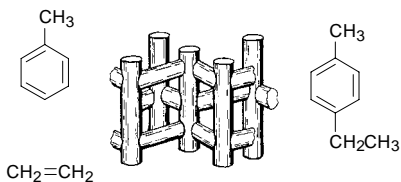
Vladimir V. Burlakov, Normen Peulecke,  
Wolfgang Baumann Anke Spannenberg,  
Rhett Kempe and Uwe Rosenthal



Collect. Czech. Chem. Commun.  
62, 337–346 (1997)

**Zeolite Silylation for The Enhancement  
of *para*-Selectivity in Toluene Alkylation  
with Ethylene**

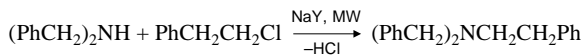
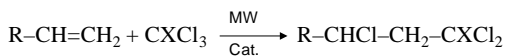
Jan Krtíl, Jiri Cejka  
and Blanka Wichterlova



Collect. Czech. Chem. Commun.  
62, 347–354 (1997)

**Microwave Activation of Homogeneous  
and Heterogeneous Catalytic Reactions**

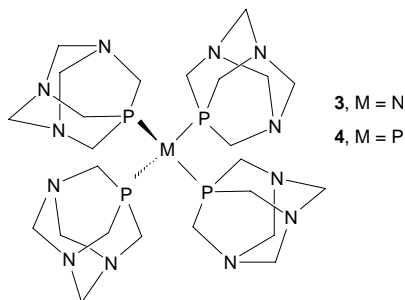
Milan Hajek



Collect. Czech. Chem. Commun.  
62, 355–363 (1997)

**Nickel(0) and Palladium(0) Complexes with  
1,3,5-triaza-7-phosphaadamantane. Catalysis  
of Buta-1,3-diene Oligomerization or  
Telomerization in an Aqueous Biphasic System**

Jan Cermak, Magdalena Kvcialova  
and Vratislav Blechta



Collect. Czech. Chem. Commun.  
62, 364–374 (1997)

**Laboratory Oxidation of Fossil Organic  
Matter Studied by *in situ* Infrared  
Spectroscopy, Rock–Eval Pyrolysis and  
Pyrolysis–Gas Chromatography–Mass  
Spectrometry**

Jiri Cejka, Zdenek Sobalik  
and Bohdan Kribek

