

Collect. Czech. Chem. Commun.
62, 527–557 (1997)

Template-Directed Syntheses of Catenanes

Martin Belohradsky, Francisco M. Raymo
and J. Fraser Stoddart



Collect. Czech. Chem. Commun.
62, 558–574 (1997)

A Computationally Efficient Algorithm for Simultaneous Chemical and Phase Equilibrium Calculations

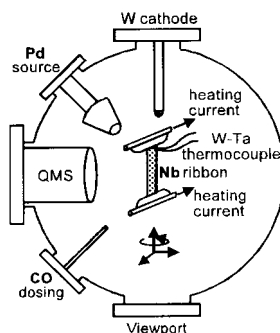
Stefan Tsvetkov and Roumiana P. Stateva

$$\Phi_j(\xi_1, \xi_2, \dots, \xi_M) \equiv \sum_{i=1}^N v_{ij} \left(\ln F_i^{\text{out}}(\xi_1, \xi_2, \dots, \xi_M) - \right. \\ \left. - \ln \left(\sum_{k=1}^N F_k^{\text{out}}(\xi_1, \xi_2, \dots, \xi_M) \right) \right) - \ln K z_j = 0, \\ j = 1, 2, \dots, M.$$

Collect. Czech. Chem. Commun.
62, 575–580 (1997)

Surface Interactions in Pd–Nb System and Their Relation to Basic Questions and Practical Catalysis

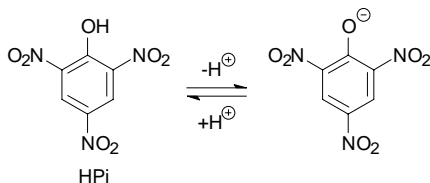
Tomas Jirsak, Vladimir Nikolajenko
and Zlatko Knor



Collect. Czech. Chem. Commun.
62, 581–596 (1997)

Effect of the Solvent Basicity and Additives on the Electroreduction of Picric Acid and Tetramethylammonium Picrate in Aprotic Media

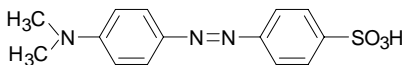
Pavel Janderka, Oldrich Fischer
and Eva Fischerova



Collect. Czech. Chem. Commun.
62, 597–608 (1997)

**Polarographic and Voltammetric Determination
of *N,N*-Dimethyl-4-amino-4'-sulfoazobenzene**

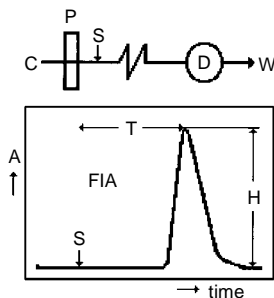
Jiri Barek, Pham Tuan Hai, Viktor Mejstrik,
Josino C. Moreira and Jiri Zima



Collect. Czech. Chem. Commun.
62, 609–619 (1997)

**Conductimetric Gas Separation–Flow Injection
Determination of Ammonia
in Gaseous Process Streams**

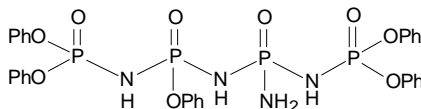
Vlastimil Kuban



Collect. Czech. Chem. Commun.
62, 620–625 (1997)

**Polyfunctional Derivatives of Imidodiphosphoric
Acid as Extractants**

Oldrich Navratil, Petr Sladek, Alena Tokarova,
Eckhard Herrmann and Moein Nouaman



Collect. Czech. Chem. Commun.
62, 626–644 (1997)

Washing of Pulp Fibre Bed

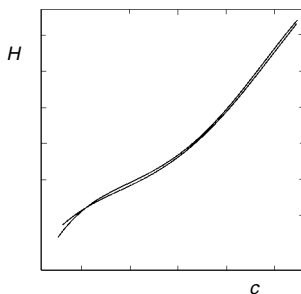
Frantisek Potucek

$$\frac{\partial C_i}{\partial T} = \frac{1}{Pe} \frac{\partial^2 C_i}{\partial Z^2} - \frac{\partial C_i}{\partial Z}$$

Collect. Czech. Chem. Commun.
62, 645–655 (1997)

A New Iterative Method of Construction of the Hammett Acidity Function

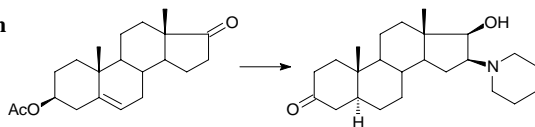
Oldrich Pytela



Collect. Czech. Chem. Commun.
62, 656–664 (1997)

Dihydrotestosterone with an Ammonium Centre in the Position 16 β

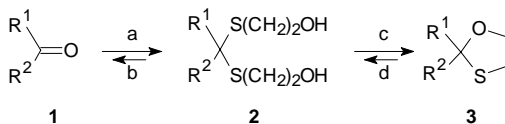
Barbora Slavikova, Alexander Kasal
and Milos Budesinsky



Collect. Czech. Chem. Commun.
62, 665–671 (1997)

An Effective Synthesis of 1,3-Oxathiolanes

Ludvik Streinz, Bohumir Koutek
and David Saman



a) HS(CH₂)₂OH, TIPSOTf, dioxane, r.t.; b) H₂O
c) TIPSOTf, dioxane, 80 °C; d) HS(CH₂)₂OH

Collect. Czech. Chem. Commun.
62, 672–678 (1997)

Synthesis of Some Anilides of 2-Alkyl-4-pyridine-carboxylic Acids and Their Photosynthesis Inhibiting Activity

Miroslav Miletin, Jiri Hartl and Milos Machacek

