

Bibliography Section

- ABRAMOVA, N. A., KIIKOVA, E. U., LYAKHOUSKII, Y. Z. (St. Petersburg State Tech. Univ. Politeknicheskaya ul. 29., St. Petersburg 195251, Russia) The effect of temperature treatment in an electric field on the dielectric properties of poly(vinylidene fluoride) films **Vysoc-mol. Soedin. 35 (1993) B 1521**
- AMENGUAL, A. (Univ. Illes Balears, Dept. Fis., E-07071 Palma de Mallorca, Spain) Some non-conventional devices with temperature control-design and application **J. Thermal Anal. 41 (1994) 1557**
- ANAKKAR, A., DAOUDI, A., BUISINE, J. M., ISAERT, N., DELATTRE, T., NGUYEN, H. T., DESTRADE, c. (Univ. Lille 1., Dynam & Struct. Mat. Molec. Lab., CNRS, Ura 801, F-59655 Ville-neuve Dacq, France) 1st observation of a S×C-S(A)/TGB(A) multicritical point in a pure compound **J. Thermal Anal. 41 (1994) 1501**
- ANON, J. R., ANON, M. G., FRAGA, F., PALACIOS, J., REGUEIRA, L. N. (Univ. Santiago de Compostela, Fac. Fis., Dept. Fis. Aplicada, Grp. Invest. Terbipromat, E-15706 Santiago, Spain) Forest waste as a potential alternative energy source **J. Thermal Anal. 41 (1994) 1393**
- AUCOUTURIER, C., ROUXDES-GRANGES, G., ROUX, A. H. (Univ. Clermont Ferrand Thermodynam & Genie Chim. Lab., CNRS, Ura 434, F-63177 Clermont Ferrand, France) Thermodynamic study of polyethylene-glycols in micellar solutions water plus sodium dodecylsulfate **J. Thermal Anal. 41 (1994) 1295**
- BARBERI, P., BARBERI, B., MARCEROU, P. (Sceres Intruments & Syst., 16 Rue Chartres, F-91400 Orsay, France) Is differential thermal analysis still reasonable **J. Thermal Anal. 41 (1994) 1629**
- BARONE, G., DELVECCHIO, P., FESSAS, D., GIANCOLA, C., GRAZIANO, G., RICCIO, A. (Univ. Federico II., Dept. Chem., Via Mezzocannone 4., I-8134 Naples, Italy) Thermodynamic characterisation of RNAase in the presence of urea and GuHCl **J. Thermal Anal. 41 (1994) 1357**
- BARONE, G., DELVECCHIO, P., FESSAS, D., GIANCOLA, C., GRAZIANO, G., RICCIO, A. (Univ. Federico II., Dept. Chem., via Mezzocannone 4., I-8134 Naples, Italy) Ligand/induced biphasic thermal denaturation of RNAase-A **J. Thermal Anal. 41 (1994) 1263**
- BARRAL, L., CANQ J., LOPEZ, A., MOGUEIRA, P., RAMIREZ, C. (Univ. La coruna, Eup. Ferrol., Carretera Aeiros S-N, E-15405 Ferrol, Spain) Determination of the activation energies for α -transition and β -transition of a system containing a diglycidyl ether of bisphenol-A (DGEBA and 1, 3-bisaminomethylcyclohexane (1, 3-BAC) **J. Thermal Anal. 41 (1994) 1463**
- BOYANOV, B. S. (Paisij Hilendarski Univ. Plovdiv, BU-4000 Plovdiv, Bulgaria) Synthesis and neel temperature determination

- of ferrites from the MO-ZnO-Fe₂O₃ systems (M = Cu, Co and Ni) **J. Thermal Anal.** **41** (1994) 1607
- BRANDA, F., COSTANTINI, A., BURI, A., TOMASI, A. (Univ. Naples, Dipartimento Ingn. Mat. Prod., Piazzale Tecchio, I-80138 Naples, Italy) Devitrification behaviour of CaO-MgO(Y₂O₃)-SiO₂ glasses **J. Thermal Anal.** **41** (1994) 1479
- CASTRO, M., PUERTOLAS, J. A. (Univ. Zaragoza, CSIC, ICMA, Ctr. Politecn. Super, Dept. Ciencia Mat., E-50015 Zaragoza, Spain) Simple and accurate AC calorimeter for liquid crystals and solid samples **J. Thermal Anal.** **41** (1994) 1245
- CAYUELA, D., GACEN, J. (Univ. Politech. Catalunya, Intexter, C Colon 15., E-08222 Terrassa, Spain)(Contribution of the secondary crystallization to the overall crystallinity of heatset polyester **J. Thermal Anal.** **41** (1994) 1599
- CHAN, H. S. O., GAN, L. M., HOR, T. S. A., SEOW, S. H., ZHANG, L. H. (Natl. Univ. Singapore, Dept. Chem., Kent. Ridge, Singapore 0511, Singapore) Thermal analysis of conducting polymers. 3. Isothermal thermogravimetry of doped and pristine polyaniline **Thermochim. Acta** **225** (1993) 75
- CHAUVET, A., CANOTILHO, J., DESOUSA, A. T. B., MASSE, J. (Univ. Montpellier 1., Fac. Pharm., Chim. Gen. & Minerale Lab., F-34060 Montpellier, France) Thermal analysis and dissolution availability of solid dispersions of tolbutamide **J. Thermal Anal.** **41** (1994) 1253
- COSTA, G. A., KAISER, E. (Univ. Genoa, Ist. Chim. Fis., Corso Europa 26., Palazzo Sci., I-16132 Genoa, Italy) Thermal properties of some precursor oxides of YBCO superconductor **J. Thermal Anal.** **41** (1994) 1417
- CRIADO, J. M., PEREZMAQUEDA, L. A., ORTEGA, A. (Univ. Sevilla, CSIS, Ctr. Mixto Coordinado, Inst Ciencias Mat. Sevilla, Apdo 1 115, E-41080 Seville, Spain) Development of master curves for discriminating the mechanism of solid state reactions from experimental data obtained by using the cyclic and controlled rate thermal analysis **J. Thermal Anal.** **41** (1994) 1535
- DARGENT, E. GRENET, J., AUVRAY, X. (Univ. Rouen, Fac. Sci., Lecap, Ura 808, F-76821 Mont St. Aignan, France) Thermal behaviour of drawn semi-crystalline poly(ethylene terephthalate) films **J. Thermal Anal.** **41** (1994) 1409
- DERIVERA, M. R., TACHOIRE, H., TORRA, V. (Univ. Las Palmas, Etsii, E-35017 Las Palmas, Spain) Calorimetric equipment with time-evolution parameters measurements and modelling in flow and mass-varying calorimetry **J. Thermal Anal.** **41** (1994) 1385
- DICKINSON, S., KONINGS, R. J. M. (Aea., Reactor Serv, Winfrith. Technol. Ctr., Dorchester DT2 8DH, Dorset, England) Infrared spectroscopy and thermodynamics of indium tri-iodide vapour species **Thermochim. Acta** **225** (1993) 111
- DOUILLARD, J. M., MALANDRINI, H., ZOUGRANA, T., CLAUSS, F., PARTYKA, S. (Univ. Montpellier 2., Lammi, Ura 79, F-34095, Montpellier 05, France) Surface tension of talc and talc-chlorite mixtures **J. Thermal Anal.** **41** (1994) 1205
- FAUCOMPRES, B., BOUZERDA, M., LINDHEIMER, M., DOUILLARD, J. M., PARTYKA, S. (Univ. Montpellier 2., Physicochim. Syst., Polyphases Lab., Cnrs, Ura 330, PL. Eugene Bataillon, F-34095 Montpellier 05, France) Energy aggregation aspect of cationic tensioactives **J. Thermal Anal.** **41** (1994) 1325
- FERRAGINA, C., LAGINESTRA, A., MASSUCCI, M. A., CAFARELLI, P., DIROCCO, R. (Cnr., Imai., Area Ric.

- Roma, Via Salaria Km. 29300, I-00016 Monterotondo, Italy) Thermal behaviour of copper-dimethylphenanthroline species in α -zirconium and γ -zirconium phosphates **J. Thermal Anal.** **41** (1994) 1469
- FLOWERS, R. A., NAGANATHAN, S., DOWD, P., ARNETT, E. M., HAM, S. W. (Pittsburgh, Dept. Chem., Pittsburgh, PA, 15260, USA) Thermochemical investigation of the oxygenation of vitamin-K **J. Amer. Chem. Soc.** **115** (1993) 9409
- FRAGA, F., SALGADO, T., ANAON, J. A. R., REGUEIRA, L. N. (Univ. Santiago, Dept. Fis. Aplicada, Grp. Invest. Ter-bipromat., E-15706 Santiago, Spain) Determination of physical and structural parameters by DMA and DSC-application to an epoxidic formulation **J. Thermal Anal.** **41** (1994) 1543
- FREZZOTTI, D., RAVANETTI, G. P. (Enichem Res. Ctr., Via Taliercio 14, I-46100, Mantova, Italy) Evaluation of the flory-huggins interaction parameter for poly(styrene-co-acrylo-nitrile) and poly(methyl-methacrylate) blend from enthalpy of mixing measurements **J. Thermal Anal.** **41** (1994) 1237
- FURKA, A., CZIMER, I. (Lorand Eotvos Univ., Dept. Organ. Chem., 112 Pf. 32, H-1518 Budapest, Hungary) New thermochemical reference system expressing the relative energy of organic compounds **Struct. Chem.** **5** (1993) 327
- GARNIER, B., DANES, F. (Lab. Thermocinet, Cnrs, Ura 869, Isitem Chantrerie CP 3023, F-44087 Nantes 03, France) Criteria of choice for a differential scanning calorimeter for the study of chemical kinetics and the source term in the heat equation **J. Thermal Anal.** **41** (1994) 1619
- GHARIB, F., ZARE, K., KHORAMI, S. A. (Shahid Beheshti Univ., Dept. Chem., Tehran, Iran) Thermodynamic studies on complexation of dioxovanadium(V) with serine **J. Chem. Eng. Data** **38** (1993) 602
- GONDOVA, T., GONDA, J., KRALIK, P. (Safrik Univ., Fac. Sci., Dept. Phys & Analyt. Chem., Moyzesova 11., CS-04167 Kosice, Czechoslovakia) Molar heat capacities of some derivatives of uracil and theophylline **Thermochim. Acta** **225** (1993) 37
- HAKVOORT, G. (Delft Univ. Technol., Dept. Chem., Julianalaan 136, 2628BL Delft, Netherlands) DSC calibration below 0°C **J. Thermal Anal.** **41** (1994) 1551
- HIGASHI, F., NAKAJIMA, K., WATABIKI, M., ZHANG, W. X. (Tokyo Univ. Agr. & Technol., Dept. Chem. Biol. Sci. & Technol., Koganei, Tokyo 184, Japan) Thermotropic liquid crystalline polyamides from polyethyleneglycol bis (4-carboxyphenyl) ethers **J. Polym. Sci. A-Polym. Chem.** **31** (1993) 2929
- IGARTUA, J. M., AGUIRREZAMALLOA, G., RUIZLARREA, I., COUZI, M., LOPEZECHARRI, A., BRECZEWSKI, T. (Univ. Pais Vasco, I41S, Dept. Fis. Aplicada 2., Apto 644, Bilbao, Spain) The specific heat of the ferroelectric phase transition in $N(CH_3)_4CdBr_3$ **J. Thermal Anal.** **41** (1994) 4211
- ISALGUE, A., TORRALBA, A., TORRA, V. (Univ. Plitecn. Catalunya, Etsecepb, Dept. Fis. Aplicada, Jordi Girona Salgado 31, E-08034 Barcelona, Spain) From adapted and computerized thermomechanical equipments to modelling and the time-evolution behaviour in Cu-Zn-Al shape memory alloys **J. Thermal Anal.** **41** (1994) 1425
- KARMAZSIN, E., BECHU, S. (Asian Inst. Technol., Gpo Box 2754, Bangkok 10501, Thailand) Temperature regulation for thermal analysis under microwave radiation **J. Thermal Anal.** **41** (1994) 1639

- KASPRZYCKAGUTTMAN, T., WILCZURA, H. (Univ. Warsaw, Dept. Chem., Pasteura 1., PL-02093 Warsaw, Poland) Excess molar enthalpies of mixing of benzene with pyridine bases **Thermochim. Acta** **225** (1993) 31
- KEMNITZ, E., MENZ, D. H., STOCKER, C., OLESCH, T. (Humboldt Univ. Berlin, Inst. Anorgan & Allgemeine Chem., Hessische Str. 1-2., D-10115 Berlin, Germany) The exchange of oxygen isotopes in high-temperature superconductors **Thermochim. Acta** **225** (1993) 119
- KOHLI, R. (Battelle Mem. Inst., 505 King Ave, Columbus, OH, 43201, USA) The thermodynamic properties of alkali metal compound at high temperatures **J. Thermal Anal.** **41** (1994) 1571
- LEBEDEV, B. V., TSVETKOVA, L. Y., SMIRNOVA, N. N. (Ni Lobachevsky State Univ., Inst Chem., Nizhnii Novgorod, Russia) Calorimetric study of thermodynamics of production of polybutene-1, polypentene-1, 4-methylpentene-1 and properties of reagents between 0 K and 670 K **J. Thermal Anal.** **41** (1994) 1371
- LEVCHIK, S. V., BALABANOVICH, A. I., IVASHKEVICH, O. A., LESNIKOVICH, A. I., GAPONIK, P. N., COSTA, L. (Byelorussian State Univ., Physico-Chem. Problems Res. Inst., Minsk 220050, Byelarus) The thermal decomposition of aminotetrazoles. 2. 1-methyl-5-aminotetrazole and 1, 5-diaminotetrazole **Thermochim. Acta** **225** (1993) 53
- LI, L. F., YOU, X. Z. (Nanjing Univ., Coordinat Chem. Inst., Nanjing 210008, Peoples R. China) A topological index and its applications. 3. Estimations of the enthalpies of formation of mixed halogen-substituted methanes, silanes and boron mixed halides **Thermochim. Acta** **225** (1993) 85
- MANOJ, N. R., DE, S. K., DE, P. P. (Indian Inst. Technol., Ctr. Rubber Technol., Kharagpur 721302, W. Bengal, India) Thermally induced crosslinking in blends of poly(vinyl chloride) and hydrogenated acrylonitrile butadiene rubber **Rubber Chem. Technol.** **66** (1993) 550
- MEHL, N. A., REBENFELD, L. (Princeton Univ., Tri Princeton, Princeton, NJ, 08544, USA) Computer simulation of crystallization kinetics and morphology in fiber-reinforced thermoplastic composites. 1. 2 dimensional case **J. Polym. Sci. B-Polym. Phys.** **31** (1993) 1677
- MEHL, N. A., REBENFELD, L. (Princeton Univ., Tri Princeton, Princeton, NJ, 08544, USA) Computer simulation of crystallization kinetics and morphology in fiber-reinforced thermoplastic composites. 2. 3 dimensional case **J. Polym. Sci. B-Polym. Phys.** **31** (1993) 1687
- MILIOTO, S., CRISANTINO, R., DELISI, R. (Univ. Palermo, Dipartimento Chim. Fis., Via Archirafi 26, I-90123 Palermo, Italy) Enthalpies of transfer of pentanol from water to sodium dodecylsulfate-dodecyldimethylamine oxide-water mixtures **J. Thermal Anal.** **41** (1994) 1217
- MILLER, J. B., WALTON, J. H., ROLAND, C. M. (Princeton Univ., Dept. Chem., Princeton, NJ, 08544, USA) The NMR chemical shift of xenon-129 dissolved in polymers **Macromolecules** **26** (1993) 5602
- MIN, B. G., HODGKIN, J. H., STACHURSKI, Z. H. (Monash Univ., Dept. Mat. Engn., Clayton, VIC 3108, Australia) Reaction mechanisms, microstructure, and fracture properties of thermoplastic polysulfone-modified epoxy resin **J. Appl. Polym. Sci.** **50** (1993) 1065
- MITRA, S., SINGH, H. P. (Jadapur Univ., Dept. Chem., Calcutta 700032, W. Bengal, India) The thermal investigation of some normal propylammonium salts in the solid state **Thermochim. Acta** **225** (1993) 43

- NIAZI, M. S. K. (Quaid I Azam Univ., Dept. Chem., Islamabad, Pakistan) Conductivities and thermodynamic dissociation constants for chloroacetic acid in binary mixed solvent systems at 298.15 K **J. Chem. Eng. Data** **38** (1993) 527
- NOVIKOV, S. V., KAZARIN, L. A., ZANEGIN, V. D., IVANOV, M. V., GERASIMOV, V. I. (Moscow MV, Lomonosov State Univ, Dept. Chem., Moscow 119899, Russia) Kinetics of formation of macromolecular network induced by thermal treatment of polyacrylonitrile **Vysocamol. Soedin.** **35** (1993) B 1550
- NUNEZREGUEIRA, L., BARROS, N., BARJA, I. (Univ. Santiago De Compostela, Fac. Fis., Dept. Fis. Aplicada, Terbipromat, Invest Grp., E-15706 Santiago, Spain) Effect of storage of soil at 4°C on the microbial activity studied by microcalorimetry **J. Thermal Anal.** **41** (1994) 1379
- PEGORETTI, A., PENATI, A., KOLARIK, J. (Univ. Trent, Dept. Mat. Engn., Via Mesiano 77., I-38050 Trent, Italy) Effect of hydrolysis on molar mass and thermal properties of poly(ester urethanes) **J. Thermal Anal.** **41** (1994) 1441
- PELLENG, N., LIEWELLYN, P. L., GRILLET, Y., ROUQUEROL, J. (Cnrs., Ctm., 26 Rue 141E R1a, F-13003 Marseille, France) A microcalorimetric comparison of the effect of n-alkane preadsorption on the adsorption of argon and nitrogen on silicalite-I **J. Thermal Anal.** **41** (1994) 1343
- PODGORSKI, L., MERLIN, A., SAITER, J. M. (Ctr. Tech. Bois & Ameublement, 10 Ave St. Mande, F-75012 Paris, France) Natural and artificial ageing of an alkyd based wood finish-calorimetric investigations **J. Thermal Anal.** **41** (1994) 1319
- POKLAR, N., VESNAVER, G., LAPANJE, S. (Univ. Ljubljana, Dept. Chem., A. Karceva 5., POB 537, 61001 Ljubljana, Slovenia) Comparison of the results of thermal denaturation of β -lactoglobulin obtained by DSC and UV-spectroscopy **J. Thermal Anal.** **41** (1994) 1515
- PRASAD, A., MARAND, H., MANDELKERN, L. (Virginia Polytech. Inst. & State Univ., NSF, Blacksburg, VA, 24061, USA) Supermolecular morphology of thermoreversible gels formed from homogeneous and heterogeneous solutions **J. Polym. Sci. B-Polym. Phys.** **31** (1993) 1819
- QUELIN, X., LOUIS, G., PERETTI, P. (Univ. Paris 06, Dept. Rech. Phys. Cnrs., Ura 71, Tour 22, 4 PI Jussiev, F-75252 Paris 05, France) Thermal conductivity analysis of polymeric crystal by mirage effect **J. Thermal Anal.** **41** (1994) 1651
- RESA, J. M., QUINTANA, T. (Univ. Basque Country, Fac. Pharm., Dept. Chem. Engn., E-01007 Vitoria, Spain) Thermogravimetric analysis and fraud Concerning origin in cheese production **J. Thermal Anal.** **41** (1994) 1667
- RODRIGUEZBAEZA, M., ZAPATA, M., CARDENAS, G., TAGLE, L. H. (Concepcion Univ., Fac. Ciencias Quim, Dept. Polimeros, Casilla 3/C, Concepcion, Chile) Thermogravimetric studies of poly(oxymethylene-co-dimethylsiloxane)-copolymers **Thermochim. Acta** **225** (1993) 67
- ROSSI, P. F., BASSOLI, M., OLIVERI, G., GUZZO, F. (Univ. Genoa, Fac. Ingn., cnr., Ist. Chim., Fiera Del Mare, Piazzale Jf Kennedy, Pad D, I-16129 Genoa, Italy) Heat of chemisorption of 1-propanol on α -Al₂O₃ at 25–200°C - A microcalorimetric study **J. Thermal Anal.** **41** (1994) 1227
- ROTIVAL, C., RENACCO, E., ARFI, C., PAULI, A. M., PASTOR, J. (Fac. Pharm. Marseille, Analyt. Chem. Lab., 27 BD Jean Moulin, F-13385 Marseille 5, France) Gases emitted during thermal decomposition of a polypropylene film and a

- polyurethane adhesive **J. Thermal Anal.** **41** (1994) 1519
- RUBTSOV, Y. I., KAZAKOV, A. I., ANDRIENKO, L. P. (Russian Acad. Sci., Inst. Chem. Phys., Chernogolovka, Russia) Reducing thermal decomposition rate of nitrophoska and nitroammophoska to decrease flammability **J. Appl. Chem.-Engl. Tr.** **65** (1992) 1748
- SAITER, J. M., DELEHAYE, M., LIZIARD, M., PODGORSKI, L. (Fac. Sci. Mt. St. Aignan, Lecap, F-76821 Mont St. Aignan, France) Alkyd-based-thermosetting resin-calorimetric investigation of the curing process **J. Thermal Anal.** **41** (1994) 1495
- SAKURAI, S., KAWADA, H., HASHIMOTO, T., FETTERS, L. J. (Kyoto Univ., Dept. Polymer Chem., Sakyo Ku, Kyoto 60601, Japan) Thermoreversible morphology transition between spherical and cylindrical microdomains of block copolymers **Macromolecules** **26** (1993) 5796
- SAUER, B. B., BECKERBAUER, R., WANG, L. X. (Dupont Co. Inc., Wilmington, DE, 19880, USA) Thermally stimulated current and DSC studies of the broadened glass transition in liquid crystalline polymers **J. Polym. Sci. B-Polym. Phys.** **31** (1993) 1861
- SECCO, F., VENTURINI, M. (Univ. Pisa, Dept. Chem., Via Risorgimento 35., I-56100 Pisa, Italy) Thermodynamics of coupled reactions by the amplitudes of chemical relaxation **J. Thermal Anal.** **41** (1994) 1659
- SIDOROVICH, A. V., SVETLICHNYI, Y. M., KALININA, I. V., ZHUKOVA, T. I., SERGEEVA, L. F., KUDRYAVTSEV, V. V., GOFMAN, I. V. (Russian Acad. Sci., Inst. Macromolec Cpds., Bolshoi Pr. 31., St. Petersburg 199004, Russia) Thermomechanical properties of polyether quinolines **Vysocomol. Soedin.** **35** (1993) B 1538
- SPENCER, P. J. (Rhein Westfal Th. Aachen, Lehrstuhl Theoret Huttenkunde, Kopernikusstr. 16., D-52074 Aachen, Germany) The decisive role of calorimetric measurements in equilibrium phase diagram calculations **J. Thermal Anal.** **41** (1994) 1305
- STENGERSMITH, J. D., HENRY, R. A., LINDSAY, G. A., NADLER, M. P., NISAN, R. A. (Usn., Ctr. Air Warfare, Div. Weap., Res. Dept., Div. Chem., China Lake, CA, 93555, USA) Main-chain, syndioregic, high-glass transition temperature polymer for nonlinear optics-synthesis and characterization **J. Polym. Sci. A-Polym. Chem.** **31** (1993) 2899
- SYSOEV, S. V., GOLUBENKO, A. N., NIKULINA, L. D. (Russian Acad. Sci., Siberian Branch, Inst. Inorgan. Chem., Novosibirsk, Russia) The thermodynamics of sublimation and vaporization of some volatile β -diketonates complexes with the elements of HTSC phases **Thermochim. Acta** **225** (1993) 137
- TAN, Z. C., SABBAB, R. (Cnrs., Ctr. Thermodynam. & Microcalorimetrie, 26 Rue 141 EME RIA, F-13003 Marseille, France) Reference materials for energy and temperature calibrations of DTA and DSC instrumentation in the range 100-300 K **J. Thermal Anal.** **41** (1994) 1577
- TANIEWSKAOSINSKA, S., NOWICKA, B., PIETRZAK, A., ROMANOWSKI, S., PIETRZAK, T. M. (Univ. Lodz, Dept. Phys. Chem., Pomorska 18., PL-91416 Lodz, Poland) Enthalpies of transfer of selected ions from water to water propan-2-ol mixtures-some quantum chemical aspects of the ionic solvation **Thermochim. Acta** **225** (1993) 9
- TEROL, A., BOUASSAB, A., PAUVERT, B., CHEVALLET, P., CASSANAS, G. (Univ. Montpellier 1., Fac. Pharm., Chim. Gen. & Minerale Lab., 15 AVE Charles Flahault, F-34060 Montpellier,

- France) Polymorphism and thermal behaviour of 3-para-toluyyl-1, 2, 2-trimethyl cyclopentane carboxylic acid *Thermochim. Acta* **225** (1993) 97
- TOMASI, A., SCARDI, P., ORSINI, P. B., BREGANI, F. (Univ. Trent., Dipartimento Ingn. Mat., Ist. Ric. Sci. & Tecnol., I-38050 Trent, Italy) Thermogravimetric analysis of superalloys used for blade and vane applications in industrial gas turbine - kinetics and mechanism of thermal degradation *J. Thermal Anal.* **41** (1994) 1453
- TORRALVO, M. J., GRILLER, Y., ROUQUEROL, F., ROUQUEROL, J. (Cnrs., Ctr. Thermodynam. & Microcalorimetrie, 26 Rue 141 EME RIA, F-13003 Marseille, France) Application of CRTA to the study of microporosity by thermodesorption of pre-adsorbed water *J. Thermal Anal.* **41** (1994) 1529
- TRAN, M. T., BARBERI, P., JOLY, J., ROUSSEAU, J. C. (Ctr. Etud Saclay, Dcc., Dpe., Setp., F-91191 Gif sur Yvette, France) Associated calorimetry and gammametry as nuclear measurement technique *J. Thermal Anal.* **41** (1994) 1399
- UHLIK, F., SLANINA, Z., DEALMEIDA, W. B., THICHLIFFE, A. (Max Planck Inst. Chem., Otto Hahn Inst., W-6500 Mainz, Germany) Computational studies of atmospheric chemistry species. 12. Computed gas-phase *Thermochim. Acta* **225** (1993) 1
- VANDERKEMP, W. J. M., BLOK, J. G., VANDELINDE, P. R., DONK, H. A. J., SCHUIJFF, A., VERDONK, M. L. (Univ. Utrecht, Dept. Interfaces & Thermodynam., Padualaan 8., 3584 CH, Utrecht, Netherland) On the estimation of thermodynamic excess properties of binary solid solutions *Thermochim. Acta* **225** (1993) 17
- VAST, P. (Univ. Lille 1., Appl. Chem. Lab., Bat C4, Domaine Univ., F-59655 Villeneuve Dascq, France) Thermal behaviour of graphite intercalation compounds with oxide of difluoride of phoshyrol *J. Thermal Anal.* **41** (1994) 1433
- VAST, P., SEMMOUD, A. (Univ. Lille 1., Appl. Chem. Lab., Bat C4, Domaine Univ., F-59655 Villeneuve Dascq, France) Thermal behaviour of ferrous difluorodioxo phosphate *J. Thermal Anal.* **41** (1994) 1489
- VEGERA, Y. S., KONDRIKOV, B. N., RAIKOVA, V. M. (Di Mendeleev Chem. engn. Inst., Moscow, Russia) High-temperature macrokinetics of the reaction of aromatic nitro compounds with sulfuric acid *J. Appl. Chem.-Engl. Tr.* **65** (1992) 1717
- VILCU, R., MELZER, V. (Univ. Bucharest, Dept. Phys. Chem., Bdul. Caro I 13, Bucharest, Romania) Thermokinetics of the ethyl acetate acid and alkaline hydrolysis by differential scanning calorimetry *J. Thermal Anal.* **41** (1994) 1335
- WIECKOWSKA, J., MARTYNIUK, H. (Wroclaw Tech. Univ., Inst. Chem. & Technol. Petr. & Coal., Gdanska Str. 7-9., PL-50344 Wroclaw, Poland) A study of catalysts for desulphurization process by thermal analysis *J. Thermal Anal.* **41** (1994) 1593
- ZAJAC, J., TROMPETTE, J. L., PARTYKA, S. (Univ. Montpellier 2., Cnrs., Ura. 79., PL E Bataillon, F-34095 Montpellier 05, France) Calorimetric studies of cationic surfactant adsorption at low surface coverages on different silica samples *J. Thermal Anal.* **41** (1994) 1277
- ZHANG, W. X., HIGASHI, F. (Tokyo Univ. Agr. & Technol, Dept. Chem. & Bid. Sci. & Technol, Koganei, Tokyo 184, Japan) Thermotropic copolyamides from polyethyleneglycol bis(4-carboxyphenil)-ethers

- with different oxyethylene units **J. Polym. Sci. A-Polym. Chem.** **31 (1993) 2935**
- ZOUNGRANA, T., DOUILLARD, J. M., PARTYKA, S. (Univ. Montpellier 2., Lammi, Ura 79, Case 015, F-34095 Montpellier 05, France) Assessment of the surface tension of various divided solids **J. Thermal Anal.** **41 (1994) 1287**