

Subject index

- Acetonitrile
Thermodynamics of amine and acetonitrile solutions 81
- Activation parameters
Physico-chemical studies of non-aqueous binary liquid mixtures at various temperatures 209
- Adiabatic calorimetry
Mixtures of *d*- and *l*-carvone: II. Adiabatic calorimetry on the equimolar mixture 223
- Adsorption mechanism
Thermo-IR-spectroscopy analysis of the interactions between organic pollutants and clay minerals 1
- Aliphatic and aromatic carboxylates
Preparation and thermal reactivity of hydrazinium uranyl carboxylates 139
- Alumina
The thermal degradation of poly(ethylene glycol)/poly(vinyl alcohol) binder in alumina ceramics 187
- Amine
Thermodynamics of amine and acetonitrile solutions 81
- Aqueous-alcoholic solvent mixtures
Enthalpies of transfer of monomethyl esters of dicarboxylic acids from water to aqueous-alcoholic solvent mixtures 243
- Associated solution
Thermodynamics of amine and acetonitrile solutions 81
- BaZrO₃
Heat capacities and enthalpy increments of the metazirconates of calcium, strontium and barium 101
- Benson group contribution method
Heat capacities of liquid long-chain alkanes 73
- Bimetallic oxide catalysts
Thermoprogrammed reduction and thermo-programmed desorption studies of Co and Cr bimetallic oxides 307
- Binary system
Thermodynamics of amine and acetonitrile solutions 81
- Binder
The thermal degradation of poly(ethylene glycol)/poly(vinyl alcohol) binder in alumina ceramics 187
- Calibration
High temperature calibration of DTA and DSC apparatus using encapsulated samples 113
- Calorimetry
Enthalpies of transfer of monomethyl esters of dicarboxylic acids from water to aqueous-alcoholic solvent mixtures 243
Interactions between cholesterol and triacylglycerols in carbon tetrachloride: calorimetric and spectroscopic studies 45
- Capillary scanning calorimeter
Calorimetric investigation of DNA in the native and denatured states 37
- Carvone
Mixtures of *d*- and *l*-carvone: I. Differential scanning calorimetry and solid-liquid phase diagram 231
- dl*-Carvone
Mixtures of *d*- and *l*-carvone: II. Adiabatic calorimetry on the equimolar mixture 223
- Catalyst aging
Effect of thermal aging upon the regeneration kinetics of a coked Cr₂O₃-Al₂O₃ catalyst 249
- CaZrO₃
Heat capacities and enthalpy increments of the metazirconates of calcium, strontium and barium 101
- Ceramics
The thermal degradation of poly(ethylene glycol)/poly(vinyl alcohol) binder in alumina ceramics 187

- Cholesterol**
Interactions between cholesterol and triacylglycerols in carbon tetrachloride: calorimetric and spectroscopic studies 45
- Clay minerals**
Thermo-IR-spectroscopy analysis of the interactions between organic pollutants and clay minerals 1
- CoCr₂O₄**
Thermoprogrammed reduction and thermoprogrammed desorption studies of Co and Cr bimetallic oxides 307
- Coke combustion**
Effect of thermal aging upon the regeneration kinetics of a coked Cr₂O₃-Al₂O₃ catalyst 249
- Computer simulation**
Computer simulation of derivative TPD 289
- Condensation**
Gallic acid as a model of tannins in condensation with formaldehyde 149
- Co₃O₄**
Thermoprogrammed reduction and thermoprogrammed desorption studies of Co and Cr bimetallic oxides 307
- Decomposition**
Gamma irradiation effects on the kinetics of the non-isothermal decomposition of manganese acetate tetrahydrate 165
Study of the mechanism of the thermochemical decomposition of ferrous sulphate monohydrate 273
Thermal decomposition of rare-earth-doped calcium oxalate. Part 1. Doping with lanthanum, samarium and gadolinium 261
- Derivative TPD curve**
Computer simulation of derivative TPD 289
- Derivatographic analysis**
Study of the mechanism of the thermochemical decomposition of ferrous sulphate monohydrate 273
- Dicarboxylic acid, monomethylester, sodium salt**
Enthalpies of transfer of monomethyl esters of dicarboxylic acids from water to aqueous-alcoholic solvent mixtures 243
- Dielectric**
The reality of Tawfik constants 303
- DNA, denatured coils**
Calorimetric investigation of DNA in the native and denatured states 37
- DNA, native helix**
Calorimetric investigation of DNA in the native and denatured states 37
- Doping**
Thermal decomposition of rare-earth-doped calcium oxalate. Part 1. Doping with lanthanum, samarium and gadolinium 261
- DSC**
Gallic acid as a model of tannins in condensation with formaldehyde 149
Heat capacities of liquid long-chain alkanes 73
Mixtures of *d*- and *l*-carvone: I. Differential scanning calorimetry and solid-liquid phase diagram 231
- DTA**
Gamma irradiation effects on the electrical conductivity behaviour and thermal decomposition induction period in nickel oxalate 281
High temperature calibration of DTA and DSC apparatus using encapsulated samples 113
- DTA-TG**
Gamma irradiation effects on the kinetics of the non-isothermal decomposition of manganese acetate tetrahydrate 165
- Electrical conductivity**
Gamma irradiation effects on the electrical conductivity behaviour and thermal decomposition induction period in nickel oxalate 281
- Encapsulated standard**
High temperature calibration of DTA and DSC apparatus using encapsulated samples 113
- Enthalpic analysis**
Gallic acid as a model of tannins in condensation with formaldehyde 149
- Enthalpy increment**
Heat capacities and enthalpy increments of the metazirconates of calcium, strontium and barium 101
- Enthalpy of mixing**
Enthalpy of mixing for binaries: *m*-xylene + pyridine bases. Experimental data at 298.15 K and theoretical description 53
- Enthalpy of transfer**
Enthalpies of transfer of monomethyl esters of dicarboxylic acids from water to aqueous-alcoholic solvent mixtures 243
- Excess enthalpy**
Thermodynamics of amine and acetonitrile solutions 81
- Excess functions**
Physico-chemical studies of non-aqueous binary liquid mixtures at various temperatures 209

- Ferrite**
The reality of Tawfik constants 303
- Formaldehyde**
Gallic acid as a model of tannins in condensation with formaldehyde 149
- Gadolinium**
Thermal decomposition of rare-earth-doped calcium oxalate. Part 1. Doping with lanthanum, samarium and gadolinium 261
- Gallic acid**
Gallic acid as a model of tannins in condensation with formaldehyde 149
- Gamma irradiation**
Gamma irradiation effects on the electrical conductivity behaviour and thermal decomposition induction period in nickel oxalate 281
Gamma irradiation effects on the kinetics of the non-isothermal decomposition of manganese acetate tetrahydrate 165
- Gas solubility**
Investigation of phase transitions in pure and gas-saturated triglycerides up to 20 MPa by thermal analysis according to Smit 179
- Heat capacity**
Calorimetric investigation of DNA in the native and denatured states 37
Heat capacities and enthalpy increments of the metazirconates of calcium, strontium and barium 101
- n*-Heptadecane**
Polymorphisme et alliages moléculaires dans le système $C_{17}H_{36}$ - $C_{19}H_{40}$ 61
- High pressure**
Investigation of phase transitions in pure and gas-saturated triglycerides up to 20 MPa by thermal analysis according to Smit 179
- High-temperature thermal analysis**
High temperature calibration of DTA and DSC apparatus using encapsulated samples 113
- Hydrazinate**
Synthesis, spectral and thermal studies of some 3d-metal hydroxybenzoate hydrazinate complexes 125
- Hydrazinecarboxylate**
Preparation and thermal reactivity of hydrazinium uranyl carboxylates 139
- Hydrazinium**
Synthesis, spectral and thermal studies of some 3d-metal hydroxybenzoate hydrazinate complexes 125
- Hydrazinium uranyl carboxylates**
Preparation and thermal reactivity of hydrazinium uranyl carboxylates 139
- Hydrogen bond complexes**
Interactions between cholesterol and triacylglycerols in carbon tetrachloride: calorimetric and spectroscopic studies 45
- Hydrogen treatment**
High temperature calibration of DTA and DSC apparatus using encapsulated samples 113
- Ion-solvent interactions**
Enthalpies of transfer of monomethyl esters of dicarboxylic acids from water to aqueous-alcoholic solvent mixtures 243
- IR spectra**
Preparation and thermal reactivity of hydrazinium uranyl carboxylates 139
- Isodimorphism**
Polymorphisme et alliages moléculaires dans le système $C_{17}H_{36}$ - $C_{19}H_{40}$ 61
- Kinetics**
Gamma irradiation effects on the kinetics of the non-isothermal decomposition of manganese acetate tetrahydrate 165
On the validity of the steady-state approximation in non-isothermal kinetics. Part II 173
- Lanthanum**
Thermal decomposition of rare-earth-doped calcium oxalate. Part 1. Doping with lanthanum, samarium and gadolinium 261
- Liquid heat capacities**
Heat capacities of liquid long-chain alkanes 73
- LLE**
Thermodynamics of amine and acetonitrile solutions 81
- Long-chain alkanes**
Heat capacities of liquid long-chain alkanes 73
- Manganese acetate tetrahydrate**
Gamma irradiation effects on the kinetics of the non-isothermal decomposition of manganese acetate tetrahydrate 165
- Metal hydroxybenzoate**
Synthesis, spectral and thermal studies of some 3d-metal hydroxybenzoate hydrazinate complexes 125

- Mixed crystal
 Mixtures of *d*- and *l*-carvone: I. Differential scanning calorimetry and solid-liquid phase diagram 231
 Polymorphisme et alliages moleculaires dans le systeme $C_{17}H_{36}-C_{19}H_{40}$ 61
- Molecular complexation
 Thermodynamics of amine and acetonitrile solutions 81
- Mössbauer
 Study of the mechanism of the thermochemical decomposition of ferrous sulphate monohydrate 273
- Nickel oxalate
 Gamma irradiation effects on the electrical conductivity behaviour and thermal decomposition induction period in nickel oxalate 281
- n*-Nonadecane
 Polymorphisme et alliages moleculaires dans le systeme $C_{17}H_{36}-C_{19}H_{40}$ 61
- Non-aqueous mixtures
 Physico-chemical studies of non-aqueous binary liquid mixtures at various temperatures 209
- Non-isothermal
 Gamma irradiation effects on the kinetics of the non-isothermal decomposition of manganese acetate tetrahydrate 165
 On the validity of the steady-state approximation in non-isothermal kinetics. Part II 173
- Organic pollutants
 Thermo-IR-spectroscopy analysis of the interactions between organic pollutants and clay minerals 1
- Organo-clay complexes
 Thermo-IR-spectroscopy analysis of the interactions between organic pollutants and clay minerals 1
- Phase diagram
 Mixtures of *d*- and *l*-carvone: I. Differential scanning calorimetry and solid-liquid phase diagram 231
 Polymorphisme et alliages moleculaires dans le systeme $C_{17}H_{36}-C_{19}H_{40}$ 61
- Physico-chemical studies
 Physico-chemical studies of non-aqueous binary liquid mixtures at various temperatures 209
- Poly(ethylene glycol)
 The thermal degradation of poly(ethylene glycol)/poly(vinyl alcohol) binder in alumina ceramics 187
- Polymorphism
 Investigation of phase transitions in pure and gas-saturated triglycerides up to 20 MPa by thermal analysis according to Smit 179
 Mixtures of *d*- and *l*-carvone: II. Adiabatic calorimetry on the equimolar mixture 223
- Poly(vinyl alcohol)
 The thermal degradation of poly(ethylene glycol)/poly(vinyl alcohol) binder in alumina ceramics 187
- Prigogine-Flory-Patterson (PFP) model
 Enthalpy of mixing for binaries: *m*-xylene + pyridine bases. Experimental data at 298.15 K and theoretical description 53
- Pyridine bases
 Enthalpy of mixing for binaries: *m*-xylene + pyridine bases. Experimental data at 298.15 K and theoretical description 53
- Quartz-encapsulation
 High temperature calibration of DTA and DSC apparatus using encapsulated samples 113
- Regeneration kinetics
 Effect of thermal aging upon the regeneration kinetics of a coked $Cr_2O_3-Al_2O_3$ catalyst 249
- Samarium
 Thermal decomposition of rare-earth-doped calcium oxalate. Part 1. Doping with lanthanum, samarium and gadolinium 261
- Size exclusion chromatography
 Gallic acid as a model of tannins in condensation with formaldehyde 149
- Solvent-solvent interactions
 Enthalpies of transfer of monomethyl esters of dicarboxylic acids from water to aqueous-alcoholic solvent mixtures 243
- SrZrO₃
 Heat capacities and enthalpy increments of the metazirconates of calcium, strontium and barium 101
- Ternary system
 Thermodynamics of amine and acetonitrile solutions 81
- TGA
 Gamma irradiation effects on the electrical conductivity behaviour and thermal decomposition induction period in nickel oxalate 281

- Study of the mechanism of the thermochemical decomposition of ferrous sulphate monohydrate 273
- Thermal analysis
- Synthesis, spectral and thermal studies of some 3d-metal hydroxybenzoate hydrazinate complexes 125
- Thermal analysis (Smit)
- Investigation of phase transitions in pure and gas-saturated triglycerides up to 20 MPa by thermal analysis according to Smit 179
- Thermal decomposition
- Preparation and thermal reactivity of hydrazinium uranyl carboxylates 139
- Thermal decomposition induction period
- Gamma irradiation effects on the electrical conductivity behaviour and thermal decomposition induction period in nickel oxalate 281
- Thermal degradation
- The thermal degradation of poly(ethylene glycol)/poly(vinyl alcohol) binder in alumina ceramics 187
- Thermoelectric
- The reality of Tawfik constants 303
- Thermo-IR-spectroscopy
- Thermo-IR-spectroscopy analysis of the interactions between organic pollutants and clay minerals 1
- TPD
- Computer simulation of derivative TPD 289
- Thermoprogrammed reduction and thermoprogrammed desorption studies of Co and Cr bimetallic oxides 307
- TPR
- Thermoprogrammed reduction and thermoprogrammed desorption studies of Co and Cr bimetallic oxides 307
- Triacylglycerols
- Interactions between cholesterol and triacylglycerols in carbon tetrachloride: calorimetric and spectroscopic studies 45
- Triglycerides
- Investigation of phase transitions in pure and gas-saturated triglycerides up to 20 MPa by thermal analysis according to Smit 179
- VLE.
- Thermodynamics of amine and acetonitrile solutions 81
- XRD
- Study of the mechanism of the thermochemical decomposition of ferrous sulphate monohydrate 273
 - Synthesis, spectral and thermal studies of some 3d-metal hydroxybenzoate hydrazinate complexes 125
- m*-Xylene
- Enthalpy of mixing for binaries: *m*-xylene + pyridine bases. Experimental data at 298.15 K and theoretical description 53