

- Styrene, copolymerization with dibromostyrene and 2,4,5-tribromostyrene, 489
- Styrene/methyl methacrylate block copolymers in dilute solution, behaviour in theta solvents, 517
- Styrene/methyl methacrylate block copolymers, preparation and characterization, 501
- Styrene, polymerization mechanism of when catalyzed by ceric salt containing *n*-dodecylbenzene sulphonic ion and ethyl alcohol or cyclohexanone, 11
- Surface free energy of the crystallites in drawn polyethylene, 718
- Syndioindex, effect on the thermal properties of syndiotactic polypropylene, 239
- TCNQ complexes of some simple stilbazoles and of a poly(vinylstyrylpyridine), 691
- Termination reaction in free radical polymerization, nature of the termination reaction in, 885
- Thermal aging and intermittent stress relaxation of vulcanized rubber, 852
- Thermal degradation of polymethylmethacrylate possessing lauryl-mercaptyl end groups, 683
- Thermal degradation of poly(vinyl chloride), 63
- Thermal properties of stirrer crystallized polyethylene, 127
- Thermal properties of syndiotactic polypropylene, 239
- Thermodynamic analysis of the elastic properties of poly(dimethyl siloxane), 573
- Thermodynamics of polymerization of heterocyclic compounds, 910
- Thermodynamic properties of oxidized polyethylene crystals, 900
- Thermodynamic solution properties of polymers exhibiting lower critical solution temperature, 467
- Theta-conditions, theory of the cloud-point method for determining, 181
- Transition measurements, glass, on polystyrene by differential scanning calorimetry, 319
- Transition points of polymers, detection of by comparative thermal diffusivity measurements, 148
- Transition temperature, glass dependence on heating rate, 151
- trans*-Polybutadiene, enantiomorphic crystal-crystal transition of, 175
- Transverse screw dislocations, a source of twist in crystalline polymer ribbons, 271
- Turbidimetric titration and related techniques, molecular weight distributions from, 827
- Vinyl aromatic polymer solutions, viscosity of, 43
- Vinylcarbazole, imitation of polymerization by lithium halides, 531
- Vinyl chloride polymerization to 2 500 atm, 385
- Vinyl compounds and aliphatic dihalides, regular copolymers of, 611
- Virial coefficient, second, of sodium carboxymethyl amylose, second virial coefficient of, 167
- Viscosity data, application of Ptiytsyn theory to, for amylose and amylose acetate in various solvents, 257
- Viscosity, intrinsic of short gaussian chains, and eigenvalues, 421
- Viscosity number (limiting) and molecular weight measurements on poly(1,2-cyclohexene oxide), 233
- Viscosity of vinyl aromatic polymer solutions, 43
- Volume changes and mechanical anisotropy of strained rubbers, 279
- Vulcanized rubber, thermal aging and intermittent stress relaxation of, 852
- Water adsorption isotherm of polyglycine, 833
- Water adsorption of small amounts of hygroscopic materials, measurement of, 833
- Wet spinning of secondary cellulose acetate, solution rheology and filament spinnability, 135

### Author Index

- ALEXOPOULOS, J. B., BARRIE, J. A. and MACHIN, D.: The time lag for the diffusion of gas mixtures, 265
- ALLEN, G.: See PRICE, C., PADGET, J. C., KIRKHAM, M. C. and ALLEN, G.
- ASAI, H.: See MATSUO, M., SAGAE, S. and ASAI, H.
- ATKINSON, C. M. L., LARKIN, J. A. and RICHARDSON, M. J.: Thermal properties of stirrer crystallized polyethylene, 127
- AUERBACH, I. and SANDERS, L. H.: Irradiated polyethylene. Pt. 4. Free radical decay, 579
- BAGBY, G., LEHRLE, R. S. and ROBB, J. C.: Kinetic measurements by micropyrolysis-GLC: thermal degradation of polymethylmethacrylate possessing lauryl-mercaptyl end groups, 683
- BAMFORD, C. H., DYSON, R. W. and EASTMOND, G. C.: Network formation Pt. 4. The nature of the termination reaction in free-radical polymerization, 885

- BAMFORD, C. H., DYSON, R. W., EASTMOND, G. C. and WHITTLE, D.: Network formation. Pt. 2. The radical-forming process in the presence of solvents, 759
- BAMFORD, C. H., EASTMOND, G. C., HOBBS, J. and HUGHES, E.: Complex formation between silver perchlorate and azo-bis-isobutyronitrile, 713
- BAMFORD, C. H., EASTMOND, G. C. and WHITTLE, D.: Network formation. Pt. 3. Influence of organoetallic initiator on network structure, 771
- BAMFORD, C. H. and FENTON, D. F.: The thermal degradation of polyvinyl chloride, 63
- BAMFORD, C. H. and WAYNE, R. P.: Polymerization in the solid phase: a polycondensation reaction, 661
- BANKS, W. and GREENWOOD, C. T.: The application of the Ptitsyn theory to viscosity data for amylose and amylose acetate in various solvents, 257
- BARDIN, J.-M. and PATTERSON, D.: Lower critical solution temperatures of polyisobutylene plus isomeric alkanes, 247
- BARRALES-RIENDA, J. M., BROWN, G. R. and PEPPER, D. C.: Cationic and free radical propagation of copolymerization by the N-vinyl carbazole cation-radical, 327
- BARRIE, J. A.: See ALEXOPOULOS, J. B., BARRIE, J. A. and MACHIN, D.
- BARTON, J. M.: Dependence of polymer glass transition temperatures on heating rate, 151
- BAWN, C. E. H., LEDWITH, A. and MCFARLANE, N.: Anionic polymerization of ethylene oxide in dimethyl sulphoxide, 653
- BEEVERS, R. B.: The effect of solvent on association in polyacrylonitrile solutions, 791
- BOOTH, A. and HAY, J. N.: The use of differential scanning calorimetry to study polymer crystallization kinetics, 95
- BOWMAN, I. J. W., BROWN, D. S. and WETTON, R. E.: Crystal density, crystallinity and heat of fusion of poly(tetramethylene oxide), 715
- BROUGH, I.: See HAWARD, R. N. and BROUGH, I.
- BROWN, D. S.: See BOWMAN, I. J. W., BROWN, D. S. and WETTON, R. E.
- BROWN, G. R.: See BARRALES-RIENDA, J. M., BROWN, G. R. and PEPPER, D. C.
- BROWN, G. R. and BYRNE, J. G.: Computer calculation of reactivity ratios from the integrated form of the copolymer equation, 333
- BRUCE, J. MALCOLM and HERSON, J. R.: The preparation and electrical conductivity of TCNQ complexes of some simple stilbazoles, and of a poly(vinylstryrylpyridine), 691
- BRUCE, J. MALCOLM and PAULLEY, S. E.: Oxidative coupling of some 2,6-disubstituted phenols, 701
- BRUCK, STEPHEN D.: Piperazine copolymers for medical implant applications, 939
- BYRNE, J. G.: See BROWN, G. R. and BYRNE, J. G.
- BRYCE, W. A. J.: Multiple and-curvilinear regression analysis of light scattering data, 804
- BURCHARD, W.: Influence of order in solutions of polyvinylcarbanilate on light scattering of measurements, 29
- BURCHARD, W.: Thermodynamic solution properties of three polymers exhibiting lower critical solution temperature, 467
- CLAMPITT, R.: Fast H (2S) atoms from electron-beam excitation of polyethylene, 721
- CLEGG, G. A. and MELIA, T. P.: Thermo dynamics of polymerization of heterocyclic compounds, 910
- COOPER, W. and TUNNICLIFFE, M. E.: The initiation of propylene sulphide polymerization by ammonia-zinc carbonate, 784
- CORNER, T., FOSTER, R. G. and HEPWORTH, P.: The structure of polymers derived from *exo*- and *endo*-dicyclopentadiene, 393
- COWIE, J. M. G.: The dependence of cohesive energy density on polymer stereostructure, 708
- CROSATO-ARNALDI, A., GUARISE, G. B. and TALAMINI, G.: Vinyl chloride polymerization to 2 500 atm, 385
- CUBBON, R. C. P. and SMITH, J. D. B.: The properties of nuclear brominated styrenes. Pt. 1. The synthesis and polymerization of dibromostyrene and tribromostyrene, 479
- CUBBON, R. C. P. and SMITH, J. D. B.: The properties of nuclear brominated styrenes. Pt. 2. The copolymerization of dibromostyrene and 2,4,5-tribromostyrene with styrene, 489
- DAVID, C., DEMARTEAU, W. and GEUSKENS, G.: Photolysis of poly(vinylbenzophenone), 21
- DAVIES, J. D.: See PACKHAM, D. I., DAVIES, J. D. and PAISLEY, H. M.
- DAWKINS, J. V., DENYER, R. and MADDOCK, J. W.: Molecular weights by gel permeation chromatography: unperturbed dimensions calibration for polyisoprene, 154
- DEMARTEAU, W.: See DAVID, C., DEMARTEAU, W. and GEUSKENS, G.
- DENYER, R.: See DAWKINS, J. V., DENYER, R. and MADDOCK, J. W.
- DUMBLETON, J. H.: The effect of oil and air annealing on the structure of drawn poly(ethylene terephthalate), 539

- DYSON, R. W.: *See* BAMFORD, C. H.,  
DYSON, R. W. and EASTMOND, G. C.
- DYSON, R. W.: *See* BAMFORD, C. H.,  
DYSON, R. W., EASTMOND, G. C. and  
WHITTLE, D.
- EASTMOND, G. C.: *See* BAMFORD, C. H.,  
DYSON, R. W. and EASTMOND, G. C.
- EASTMOND, G. C.: *See* BAMFORD, C. H.,  
DYSON, R. W., EASTMOND, G. C. and  
WHITTLE, D.
- EASTMOND, G. C.: *See* BAMFORD, C. H.,  
EASTMOND, G. C., HOBBS, J. and HUGHES,  
E.
- EASTMOND, G. C.: *See* BAMFORD, C. H.,  
EASTMOND, G. C. and WHITTLE, D.
- EAVES, D. E.: Ringed spherulites in poly-  
*trans*-1,4-isoprene, 800
- ELIEZER, N.: *See* UTRACKI, L., SIMHA, R.  
and ELIEZER, N.
- ELLINGER, L. P.: The polymerization of  
vinylcarbazole by electron acceptors. Pt.  
3. Initiation by lithium chloride, bromide,  
and iodide, 531
- FENTON, D. F.: *See* BAMFORD, C. H. and  
FENTON, D. F.
- FERGUSON, J. and IBRAHIM, K. M.: The wet  
spinning of secondary cellulose acetate:  
solution rheology and filament spinnability,  
135
- FOSTER, R. G.: *See* CORNER, T., FOSTER,  
R. G. and HEPWORTH, P.
- FRASER, R. D. B., MACRAE, T. P., PARRY,  
D. A. D. and SUZUKI, E.: The structure  
of  $\beta$ -keratin, 810
- GEE, D. R. and MELIA, T. P.: The effect of  
syndioindex on the thermal properties of  
syndiotactic polypropylene, 239
- GEUSKENS, G.: *See* DAVID, C., DEMARTEAU,  
W. and GEUSKENS, G.
- GRAESSLEY, W. W.: *See* MITTELHAUSER JR.,  
H. M. and GRAESSLEY, W. W.
- GRAHAM, J. and PACKHAM, D. I.: The  
electrical conductivity of some nitrogen  
containing heterocyclic polymers, 645
- GRAHAM, N. B. and HOLDEN, H. W.: Dis-  
persions of polymeric acrylic soaps. Pt. 1.  
The relationship between the hydro-  
philic/hydrophobic balance and the dis-  
persibility of the polymers, 633
- GREENWOOD, C. T.: *See* BANKS, W. and  
GREENWOOD, C. T.
- GUARISE, G. B.: *See* CROSATA-ARNALDI, A.,  
GUARISE, G. B. and TALAMINI, G.
- HAVRILIAK JR., S. and NEGAMI, S.: On the  
equivalence of dielectric and mechanical  
dispersions in some polymers e.g. poly-  
(*n*-octyl methacrylate), 859
- HAWARD, R. N. and BROUGH, I.: The frac-  
ture surfaces of polystyrenes having  
different molecular weights, 724
- HAY, J. N.: *See* BOOTH, A. and HAY, J. N.
- HAY, J. N. and SABIR, M.: Crystallization  
kinetics of high polymers. Polyethylene  
oxide, Part 2, 203
- HAY, J. N., SABIR, M. and STEVEN, R. L. T.:  
Crystallization kinetics of high polymers.  
Polyethylene oxide, Part 1, 187
- HENDRA, P. J.: *See* WILLIS, H. A., ZICHY,  
Mrs V. J. I. and HENDRA, P. J.
- HEPWORTH, P.: *See* CORNER, T., FOSTER,  
R. G. and HEPWORTH, P.
- HERSON, J. R.: *See* BRUCE, J. MALCOLM  
and HERSON, J. R.
- HINRICHSSEN, G.: On the surface free energy  
of the crystallites in drawn polyethylene,  
718
- HOBBS, J.: *See* BAMFORD, C. H., EASTMOND,  
G. C., HOBBS, J. and HUGHES, E.
- HOLDEN, H. W.: *See* GRAHAM, N. B. and  
HOLDEN, H. W.
- HUGHES, E.: *See* BAMFORD, C. H., EAST-  
MOND, G. C., HOBBS, J. and HUGHES, E.
- HULL, D.: *See* MURRAY, J. and HULL, D.
- HUTCHISON, Miss S. M.: *See* RICHARDS,  
D. H., SCILLY, N. F. and HUTCHISON,  
Miss S. M.
- IBRAHIM, K. M.: *See* FERGUSON, J. and  
IBRAHIM, K. M.
- INAGAKI, H.: *See* KOTAKA, T., OHNUMA, H.  
and INAGAKI, H.
- INAGAKI, H.: *See* OHNUMA, H., KOTAKA, T.  
and INAGAKI, H.
- JACKSON, J. B.: The effect of absorbed water  
on the dynamic mechanical properties of  
some polyamides, 159
- JACKSON, J. B. and LONGMAN, G. W.: The  
crystallization of poly(ethylene tereph-  
thalate) and related copolymers, 873
- JONES, R. G.: The Cu(I), Fe(III)/Cu(II),  
Fe(II) equilibrium and its influence on the  
ferric chloride photosensitized, cupric  
chloride inhibited polymerization of  
acrylonitrile in *N,N*-dimethylformamide,  
89
- KAERIYAMA, K.: Polymerization mechanism  
of styrene catalyzed by ceric salt con-  
taining *n*-dodecylbenzene sulphonic ion  
and ethyl alcohol or cyclohexanone, 11
- KAMAGATA, KAJII.: *See* MINOURA, YUJI and  
KAMAGATA, KAJII.
- KAY, E., MOORE, B. B. and THOMAS, D. K.:  
The characterization of elastomer net-  
works, 55
- KENNERLEY, M. G.: A technique for the  
measurement of the water adsorption of  
small amounts of hygroscopic materials.  
Water adsorption isotherm of poly-  
glycine, 833

- KHAN KHADIM, A. H. and SMITH, DEREK A.: Approximate calculation of equilibrium modulus factors for rubber networks from swollen compression data, 711
- KINLOCH, D. R.: See SCHULTZ, J. M. and KINLOCH, D. R.
- KIRKHAM, M. C.: See PRICE, C., PADGET, J., KIRKHAM, M. C. and ALLEN, G.
- KIRKHAM, M. C.: See PRICE, C., PADGET, J. C., KIRKHAM, M. C. and ALLEN, G.
- KOTAKA, T., OHNUMA, H. and INAGAKI, H.: Thermodynamic and conformational properties of styrene/methyl methacrylate block copolymers in dilute solution, Pt. 2. Behaviour in theta Solvents, 517
- KOTAKA, T.: See OHNUMA, H., KOTAKA, T. and INAGAKI, H.
- LAMBERT, A.: An extrapolation method for eliminating overload effects from gel permeation chromatograms, 213
- LAMBERT, A.: Glass transition measurements on polystyrene by differential scanning calorimetry, 319
- LARKIN, J. A.: See ATKINSON, C. M. L., LARKIN, J. A. and RICHARDSON, M. J.
- LEDWITH, A.: See BAWN, C. E.H., LEDWITH, A. MCFARLANE, N.
- LEHRLE, R. S.: See BAGBY, G., LEHRLE, R. S. and ROBB, J. C.
- LIU, KANG-JEN: NMR studies of polymer solutions. Pt. 8. A further study of conformation changes of oligomeric polymethylenes with chain length, 951
- LONGMAN, G. W.: JACKSON, J. B. and LONGMAN, G. W.
- MACHIN, D.: See ALEXOPOULOS, J. B., BARRIE, J. A. and MACHIN, D.
- MACKIE, W. and SELLEN, D. B.: The degree of polymerization and polydispersity of mannan from the cell wall of the green seaweed *codium fragile*, 621
- MACRAE, T. P.: See FRAZER, R. D. B., MACRAE, T. P., PARRY, D. A. D. and SUZUKI, E.
- MADDOCK, J. W.: See DAWKINS, J. V., DENYER, R. and MADDOCK, J. W.
- MANLEY, T. R.: The detection of transition points of polymers by comparative thermal diffusivity measurements, 148
- MANLEY, T. R. and WILLIAMS, D. A.: Structure of terephthalate polymers. Pt. 1. Infra-red spectra and molecular structure of poly(ethylene terephthalate), 339
- MANLEY, T. R. and WILLIAMS, D. A.: The infra-red spectrum and vibrational assignments of poly(phosphonitrilic chloride), 307
- MATSUO, M., SAGAE, S. and ASAI, H.: Fine structures of styrene-butadiene block copolymer films cast from toluene solution, 79
- MCFARLANE, N.: See BAWN, C. E. H., LEDWITH, A. and MCFARLANE, N.
- MCGOWAN, J. C.: The effects of pressure and temperature on the densities of liquid polymers, 841
- MELE, A., RUFO, R. and SANTONATO, L.: Limiting viscosity number and molecular weight measurements on poly(1,2-cyclohexene oxide), 233
- MELIA, T. P.: See CLEGG, G. A. and MELIA, T. P.
- MELIA, T. P.: See GEE, D. R. and MELIA, T. P.
- MINOURA, YUJI: See NAKANO, A. and MINOURA, Y.
- MINOURA, YUJI, and KAMAGATA, KAIJI: Intermittent stress relaxation and thermal aging of vulcanized rubber, 852
- MITTELHAUSER JR., H. M. and GRAESSLEY, W. W.: Radiation crosslinking studies on branched poly(vinyl acetate), 439
- MOORE, B. B.: See KAY, E., MOORE, B. B. and THOMAS, D. K.
- MORRISON, J. D.: See THURSTON, G. B. and MORRISON, J. D.
- MURRAY, J. and HULL, D.: Nucleation and propagation of cracks in polystyrene, 451
- NAGAO, R.: An enantiomorphic crystal-crystal transition of *trans*-polybutadiene, 175
- NAKANO, A. and MINOURA, Y.: Non-catalyzed polymerization of acrylamide, 1
- NAPPER, D. R.: Theory of the cloud-point method for determining theta-conditions, 181
- NEGAMI, S.: HAVRILIAK JR., S. and NEGAMI, S.
- OHNUMA, H., KOTAKA, T. and INAGAKI, H.: Thermodynamic and conformational properties of styrene methyl methacrylate block copolymers in dilute solution. Pt. 1. Preparation and characterization, 501
- OHNUMA, H.: See KOTAKA, T., OHNUMA, H. and INAGAKI, H.
- PACKHAM, D. I.: See GRAHAM, J. and PACKHAM, D. I.
- PACKHAM, D. I., DAVIES, J. D. and PAISLEY, H. M.: Polymers from aromatic nitriles and amines: polybenzimidazoles and related polymers, 923
- PACKHAM, D. I. and RACKLEY, F. A.: Macrocyclic polymers, 559
- PADGET, J.: See PRICE, C., PADGET, J., KIRKHAM, M. C. and ALLEN, G.
- PADGET, J. C.: See PRICE, C., PADGET, J. C., KIRKHAM, M. C. and ALLEN, G.
- PAISLEY, H. M.: See PACKHAM, D. I., DAVIES, J. D. and PAISLEY, H. M.

- PAPAZIAN, L. A.: Dilute solution properties of narrow-distribution polystyrene, 399
- PARRY, D. A. D.: *See* FRASER, R. D. B., MACRAE, T. P., PARRY, D. A. D. and SUZUKI, E.
- PATEL, G. N. and PATEL, R. D.: Single crystals of high polymers by film formation. Pt. 1. Single crystals of cellulose triacetate, 932
- PATEL, J. R. and PATEL, R. D.: The second virial coefficient of sodium carboxymethyl amylose, 167
- PATEL, R. D.: *See* PATEL, J. R. and PATEL, R. D.
- : *See* PATEL, G. N. and PATEL, R. D.
- PATTERSON, D.: *See* BARDIN, J.-M. and PATTERSON, D.
- PAULLEY, S. E.: *See* BRUCE, J. MALCOLM, and PAULLEY, S. E.
- PEPPER, D. C.: *See* BARRALES-RIENDA, J. M., BROWN, G. R. and PEPPER, D. C.
- PLESCH, P. H. and WESTERMANN, P. H.: The polymerization of 1,3-dioxepan. Pt. 1. Structure of polymer and thermodynamics of its formation, and a note on 1,3-dioxan, 105
- PRICE, C., PADGET, J. C., KIRKHAM, M. C. and ALLEN, G.: A thermodynamic analysis of the elastic properties of poly(dimethyl siloxane), 573
- : The effects of strain on the equilibrium properties of rubber networks, 495
- RACKLEY, F. A.: *See* PACKHAM, D. I. and RACKLEY, F. A.
- RAYNER, M. G.: Molecular weight distributions from turbidimetric titration and related techniques: theoretical evidence for a new calibration procedure, 827
- RICHARDS, D. H., SCILLY, N. F. and HUTCHISON, Miss S. M.: Synthesis and properties of regular copolymers. Pt. 2. Spectroscopic analysis of regular copolymers of vinyl compounds with aliphatic dihalides, 611
- RICHARDS, D. H., SCILLY, N. F. and WILLIAMS, Miss F.: Synthesis and properties of regular copolymers. Pt. 1. Reactions involving aliphatic dihalides, 603
- RICHARDSON, M. J.: Thermodynamic properties of oxidized polyethylene crystals, 900
- RICHARDSON, M. J.: *See* ATKINSON, C. M. L., LARKIN, J. A. and RICHARDSON, M. J.
- ROBB, J. C.: *See* BAGBY, G., LEHRLE, R. S. and Robb, J. C.
- ROBERTS, R. C.: Poly(ethylene terephthalate). Pt. 1. Heat of fusion, 113
- ROBERTS, R. C.: Poly(ethylene terephthalate). Pt. 2. Morphological changes on annealing, 117
- RUFO, R.: *See* MELE, A., RUFO, R. and SANTONATO, L.
- RYBNIKAR, F.: Heterogeneous nucleation at interfaces in isotactic polypropylene, 747
- SABIR, M.: *See* HAY, J. N. and SABIR, M.
- SABIR, M.: *See* HAY, J. N., SABIR, M. and STEVEN, R. L. T.
- SAGAE, S.: *See* MATSUO, M., SAGAE, S. and ASAI, H.
- SANDERS, L. H.: *See* AUERBACH, I. and SANDERS, L. H.
- SANTONATO, L.: *See* MELE, A., RUFO, R. and SANTONATO, L.
- SCHULTZ, J. M. and KINLOCH, D. R.: Transverse screw dislocations: a source of twist in crystalline polymer ribbons, 271
- SCILLY, N. F.: *See* RICHARDS, D. H., SCILLY, N. F. and HUTCHISON, Miss S. M.
- SCILLY, N. F.: *See* RICHARDS, D. H., SCILLY, N. F. and WILLIAMS, Miss F.
- SELLEN, D. B.: *See* MACKIE, W. and SELLEN, D. B.
- SEMLYEN, J. A. and WALKER, G. R.: Equilibrium ring concentrations and the statistical conformations of polymer chains. Pt. 2. Macrocyclics in Nylon 6, 597
- SEMLYEN, J. A. and WRIGHT, P. V.: Equilibrium ring concentrations and the statistical conformation of polymer chains. Pt. 1. Oligomeric dimethylsiloxanes, 543
- SIMHA, R.: *See* UTRACKI, L., SIMHA, R. and ELIEZER, N.
- SMITH, D. A.: *See* KHAN KHADIM, A. H. and SMITH, D. A.
- SMITH, J. D. B.: *See* CUBBON, R. C. P. and SMITH, J. D. B.
- STEVEN, R. L. T.: *See* HAY, J. N., SABIR, M. and STEVEN, R. L. T.
- SUZUKI, E.: *See* FRASER, R. D. B., MACRAE, T. P., PARRY, D. A. D. and SUZUKI, E.
- TALAMINI, G.: *See* CROSATO-ARNALDI, A., GUARISE, G. B. and TALAMINI, G.
- THOMAS, D. K.: *See* KAY, E., MOORE, B. B. and THOMAS, D. K.
- THURSTON, G. B. and MORRISON, J. D.: Eigenvalues and the intrinsic viscosity of short gaussian chains, 421
- TRELOAR, L. R. G.: Theoretical stress/temperature relations for rubber in torsion, 291
- TRELOAR, L. R. G.: Volume changes and mechanical anisotropy of strained rubbers, 279
- TUNNICLIFFE, M. E.: *See* COOPER, W. and TUNNICLIFFE, M. E.
- UTRACKI, L., SIMHA, R. and ELIEZER, N.: Viscosity of vinyl aromatic polymer solutions, 43
- WALKER, G. R.: *See* SEMLYEN, J. A. and WALKER, G. R.

- WAYNE, R. P.: *See* BAMFORD, C. H. and WAYNE, R. P.
- WEST, G. H.: Relaxation times of polystyrene, 751
- WESTERMANN, P. H.: *See* PLESCH, P. H. and WESTERMANN, P. H.
- WETTON, R. E.: *See* BOWMAN, I. J. W., BROWN, D. S. and WETTON, R. E.
- WHITTLE, D.: *See* BAMFORD, C. H., DYSON, R. W., EASTMOND, G. C. and WHITTLE, D.
- : *See* BAMFORD, C. H., EASTMOND, G. C. and WHITTLE, D.
- WILLIAMS, D. A.: *See* MANLEY, T. R. and WILLIAMS, D. A.
- WILLIAMS, Miss F.: *See* RICHARDS, D. H., SCILLY, N. F. and WILLIAMS, Miss F.
- WILLIAMS, D. A.: *See* MANLEY, T. R. and WILLIAMS, D. A.
- WILLIS, H. A., ZICHY, Mrs V. J. I. and HENDRA, P. J.: The laser-Raman and infra-red spectra of poly(methyl methacrylate), 737
- WRIGHT, P. V.: *See* SEMLYEN, J. A. and WRIGHT, P. V.
- ZICHY, Mrs. V. J. I.: *See* WILLIS, H. A., ZICHY, Mrs. V. J. I. and HENDRA, P. J.

## ERRATUM

We apologize for an error made in the Note 'Approximate calculation of equilibrium modulus factors for rubber networks from swollen compression data' by A. H. Khan Khadim and Derek A. Smith which appeared in the August, 1969, issue.

Equation (6) on page 713 should read as follows:

$$G_c \approx \frac{f}{\Delta h} \cdot \frac{h_0}{3A_0} \cdot \frac{1}{1 + \nu_r^{\frac{1}{2}} \Delta h h_0^{-1}} \quad (6)$$