

CONTENTS

Thermodynamic and Hydrodynamic Behavior of Solute Polymer Solutions, <i>G. C. Berry and E. F. Casassa, Mellon Institute, Carnegie-Mellon University, Pittsburgh, Pennsylvania.</i>	1
Laser-Vibrational Scattering by Polymers, <i>R. E. Schaufele, Esso Research and Engineering Co., Linden, New Jersey.</i>	67
Electron Spin Resonance of Polymers, <i>D. Campbell, Camille Dreyfus Laboratory, Research Triangle Park, N. C.</i>	91
One Electron Transfer Initiated Polymerization Reactions.	
I. Initiation Through Monomer Cation Radicals, <i>N. G. Gaylord, Gaylord Associates, Inc., Newark, N. J.</i>	183
Space Charge Limited Currents in Polymers, <i>M. Kryszewski and A. Szymanski, Institute of Physics, Technical University, Lodz, Poland.</i>	245
Author Index.	321
Subject Index.	335
Cumulative Index, Volumes 1-4.	345