

more advanced students will also find stimulating problems.

Most of the problems presented are derived from the recent literature with papers cited up to mid 1986. The rate at which it has appeared was thus heroic and some aspects of presentation have suffered in consequence. This was a camera-ready manuscript and I did note a number of inconsistencies of terminology and typographic errors. A number of the diagrams are a little raggy at the edges and vary substantially in size, even on a single page. There is both an author and a useful compound index. Thus, although this book has limitations, it fills a real gap in the student library and at a modest price; I can recommend it strongly.

*School of Chemistry and Molecular Sciences,  
University of Sussex, Brighton BN1 9QJ (Great Britain)*

**Penny A. Chaloner**

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*Mechanisms of Ionic Polymerization: Current Problems*; by B.L. Eusalimskii, Plenum, ix + 306 pages, US \$89.50, ISBN 0-306-10991-3.

This is the second in a series of volumes, entitled 'Macromolecular Compounds'. It addresses itself to the reader who is supposed to be well-informed with respect to the general literature in this field and is stated to consider "current problems". The initial chapter provides a general introduction from which such readers will learn little. Chapter 2 details research methods for the study of the nature of the ionic active sites and subsequent sections deal with "multicentredness", reactivity between active sites and monomers in homogenous systems, and stereospecificity.

Unfortunately the negative aspects of this volume tend rather to obscure such positive merits as it has. It is indeed useful in alerting the Western reader to material published within the Eastern Bloc which has not been translated. Also some interesting points are raised, particularly with regard to the physico-chemical and kinetic aspects of polymerisation. On the debit side, however, must be recorded first either a particularly odd style in the author or in the translator. Neologisms and oddities abound (try macroeffects, informativeness, post-effects) and I was left with an impression of unnecessary length and clumsiness, and an unhelpful lack of punctuation. A number of abbreviations which did not appear standard or consistent are used. There are no references after 1983, and most are from the 1970's, giving the work a somewhat dated air. Also full titles are quoted in every case, which is surely unnecessary, and there are no Chem. Abstr. references even to the most obscure material. The emphasis on work from the Eastern bloc is something of a mixed blessing. The index cited in the contents as appearing on page 307 does not exist.

Eastern European work in the field of polymer chemistry has been important and well-regarded in recent years. Unfortunately, this book does it little service. Its style makes it rather unreadable, and without an index it is doubly hard to use. There are too many review style volumes published at present; one with as many faults as this should have been weeded out.

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University of Sussex, Brighton BN1 9QJ (Great Britain)*

**Penny A. Chaloner**