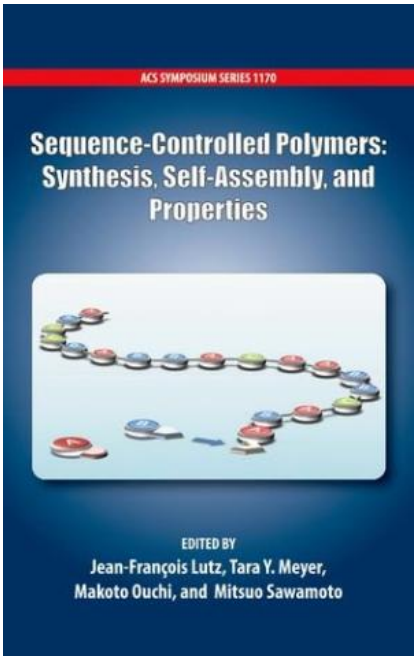

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Sequence-Controlled Polymers: Synthesis, Self-Assembly and Properties

By Jean-Francois Lutz, Tara Y. Meyer, Makoto Ouchi, Mitsuo Sawamoto

Oxford University Press Inc. Hardback. Book Condition: new. BRAND NEW PRINT ON DEMAND., Sequence-Controlled Polymers: Synthesis, Self-Assembly and Properties, Jean-Francois Lutz, Tara Y. Meyer, Makoto Ouchi, Mitsuo Sawamoto, The present volume of the ACS Symposium series is dedicated to the emerging field of sequence-controlled polymers. The objectives of this new research discipline include the synthesis, characterization, and exploitation of synthetic macromolecules containing ordered sequences of comonomers. This topic has gained significant importance in academic polymer research during the last several years. The community, which was initially composed of a few isolated researchers, has rapidly grown in a dynamic international network. As a consequence, the first international symposium on sequence-controlled polymers was organized at the 246th American Chemical Society national meeting in Indianapolis. All the chapters in this volume are related to the invited oral presentations that were given during the symposium. This selection of papers gives an overview of the field and highlights its interdisciplinary nature. Indeed, the symposium participants and the authors of this book are not only polymer chemists, but also organic chemists, supramolecular chemists, and physico-chemists. As a matter of fact, the design of tailor-made sequence-controlled polymers is a topic that goes beyond the traditional barriers of...

Reviews

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This book is really gripping and interesting. Of course, it is actually perform, still an interesting and amazing literature. You will not truly feel monotony at whenever you want of your time (that's what catalogues are for concerning when you request me).

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