

Cambridge University Press

978-1-107-40994-1 - Optical and Electrical Properties of Polymers: Symposium held
November 26-28, 1990, Boston, Massachusetts, U.S.A.

Edited by John A. Emerson and John M. Torkelson

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MATERIALS RESEARCH SOCIETY SYMPOSIUM PROCEEDINGS VOLUME 214

Optical and Electrical Properties of Polymers

Symposium held November 26-28, 1990, Boston, Massachusetts,
U.S.A.

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MATERIALS RESEARCH SOCIETY

Pittsburgh, Pennsylvania

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Cambridge, New York, Melbourne, Madrid, Cape Town,
Singapore, São Paulo, Delhi, Mexico City

Cambridge University Press
32 Avenue of the Americas, New York NY 10013-2473, USA

Published in the United States of America by Cambridge University Press, New York

www.cambridge.org
Information on this title: www.cambridge.org/9781107409941

Materials Research Society
506 Keystone Drive, Warrendale, PA 15086
<http://www.mrs.org>

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First published 1991
First paperback edition 2012

Single article reprints from this publication are available through
University Microfilms Inc., 300 North Zeeb Road, Ann Arbor, MI 48106

CODEN: MRSPDH

ISBN 978-1-107-40994-1 Paperback

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Preface

This volume contains selected papers presented at the Symposium on Optical and Electrical Properties of Polymers held on November 26-28, 1990 in Boston, MA. This international symposium, sponsored by the Materials Research Society, was organized to provide a broad overview of one of the fastest expanding areas in polymer science. The diversity of topics encompassed a broad expanse in this exciting field; synthesis, experimental, theory, and application. As in the last several years for this optical specialty, the main emphasis was the optical properties of nonlinear polymers including measurements of the second- and third-order susceptibilities. It is noteworthy that new polymeric structures were presented along with a full interpretation of their optical properties. This shows significant progress is being made in this contemporary field. Also, substantial progress was reported in the electrical measurements of new electrical conductive polymers.

John A. Emerson
John M. Torkelson

August 1991

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